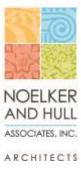
BALTIMORE CITY COMMUNITY COLLEGE LIBERTY HEIGHTS CAMPUS

2901 LIBERTY HEIGHTS AVENUE BALTIMORE, MARYLAND LEARNING COMMONS FACILITY PROGRAM PART II - FINAL NOELKER AND HULL ASSOCIATES, INC. SEPTEMBER 07, 2021 REVISED 12/09/22







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List of Acronyms

ACT - acoustical tile

ADA - Americans with Disabilities Act

BCCC - Baltimore City Community College

CDC - Centers for Disease Control

CMU – concrete masonry unit

COMAR - Code of Maryland Regulations

CT - ceramic tile

DGS – Department of General Services

GSF – gross square feet

GWB - gypsum wallboard

HVAC - Heating, Ventilation, Air Conditioning

IBC - International Building Code

ICC - International Code Council

IDF – Intermediate Distribution Frames

IEBC – International Existing Building Code

IECC - International Energy Conservation Code

IES – Illuminating Engineering Society of America

IGCC - International Green Construction Code

IPC – International Plumbing Code

IT - Information Technology

LAN – local area network

LED - light emitting diode

LEED - Leadership in Environmentally Effective Design

LVT - luxury vinyl tile

MC - metallic-clad cable

MDF - Main Distribution Frames

MHPBP – Maryland High Performance Buildings Program

NASF - net assignable square feet

NFPA - National Fire Protection Association

STC – sound transmission coefficient

USB – universal serial bus power

VCT – vinyl composition tile

Voice-over-IP or VOIP – voice over internet protocol

DBFP No. 1021203

WiFi – Wireless data system

Baltimore City Community College Learning Commons | Bard Library Renovations Program Part II – FINAL 9/07/21 Revised 12/07/22

Baltimore City Community College Learning Commons Facility Program – Part I summary (updated October 2022) Noelker and Hull Architects

Project Overview

Baltimore City Community College Learning Commons 2901 Liberty Heights Avenue Baltimore, Maryland 21215



Figure 1 – Bard Library Exterior

Building Areas

Existing area: Basement – 5,394 GSF, excluding crawl space, 1,469 NASF

Floor 1 12,370 GSF, 10,870 NASF Floor 2 12,370 GSF, 11,066 NASF Total 30,134 GSF, 23,405 NASF

Proposed area: Remove basement from assignable square footage, use for systems

DBFP No. 1021203

Existing 19,876 NASF Addition 11,749 NASF Total 31,525 NASF

Existing 30,040 GSF Addition 17,000 GSF Total 47,040 GSF

Major Purpose

The learning commons project will update the obsolete 55-year-old library to a modern campus commons building, providing comprehensive digital access to information, and urgently-needed study and meeting space. It will address longstanding issues of building operation costs and energy efficiency, upgrade life safety systems, and install 21st-century systems to replace the original 1965 systems. Located at the main entrance to the campus, it will serve as a central point of orientation and student contact.

Major Functions

The project seeks to transform the building, built as a traditional library, into a learning commons, affording flexible space for study, group work, reference, social contact, and classroom space. The commons will function as the core of campus common space, where students can prepare for classes, work on assignments, have access to electronic media and means of digital expression, and participate in learning collaboration.

The commons project will incorporate social spaces, including limited-service dining and beverage services, to facilitate social interaction and collaboration, making it an attractive destination for students who may have long commutes or spaces in between classes.

While the project will focus on providing a flexible mix of individual study, small group space and digital presentation facilities, it will also include mid-sized classroom/lecture facilities that are unavailable elsewhere on campus.

In addition to its role as an information and collaboration center, the commons will host an information center, a central point of contact from which students can be directed to student assistance programs, academic tools, career guidance and other services. The commons building, visible from the majority of the campus and situated at the campus entrance, will function as a bright, accessible beacon for the campus community.

Master Plan

The project is mentioned in the 2011 update to the 2007 BCCC facilities master plan, which targeted a 15,000 square foot addition. The project was again discussed in the 2020 BCCC facilities master plan, and is the first major project to be included in the capital improvement program.

Project Justification

The library was built as part of the original campus development project in 1965. It received a renovation in 1989, which appears to have been chiefly confined to cosmetic and maintenance upgrades. No significant changes have been made since 1989.

At the time of construction and again in 1989, the campus library was the chief information repository for the college and the student community. While it also served as study space, its chief function was library space, with book stacks dominating the building's space and function. Study and meeting space were secondary functions, to be undertaken in the periphery of the stacks.

The exterior of the library is essentially as it was constructed 55 years ago. The exterior finishes are exposed-aggregate precast concrete panels, brick and mill-finish aluminum storefront. Windows are single-glazed with plain glass, with thermally-inefficient curtain wall-style frames filling structural bays across the front. The entrance is on the south side of the building, facing Main Hall along the primary campus circulation axis. This façade faces south, where the inefficient glazing aggravates HVAC problems and incurs operational expense. From there the grade rises to the

north, reaching the level of the second floor at the rear. This causes all but the front of the first floor to be effectively windowless. Windows are more generously disposed to the sides of the second floor, but the rear of the second floor is also windowless.

While the library collection has been considerably diminished, it still consumes significant space, particularly on the second floor. It does not appear that the collection sees significant circulation or consultation. The circulation desk is located for efficiency of checkout and return, rather than for information sharing, assistance and consultation. Without the stacks, the first and second floors are wide spaces nearly the size of the entire floors, of about 8000 square feet, with a few small study rooms and spaces scattered around the perimeter. The first and second floors are joined by an open stairway. Signs at the stairs warn patrons that conversations on the stairs can be heard throughout the facility. Outside the few study and meeting rooms, acoustic privacy is unavailable. Interior spaces are spartan and uninviting.

Some of the existing functional and service spaces are in the basement, which houses the principal toilets, the mechanical room, and a windowless computer lab. The elevator, which appears to have been added some time after the construction of the building, is awkwardly situated behind the main stairway, opening into the basement computer lab, which must be traversed to reach the basement toilet complex. A much smaller set of toilets is on the second floor. No toilets are provided on the first floor at all.

With its single entrance, built in a time when checking printed materials in and out was a major design consideration, the library lacks connection to the wider campus. There are no outdoor functional spaces connected to the building, and despite the extensive glazing on the south side, the library essentially faces inward.

Furnishings are of the simplest kind, affording little visual privacy or personal space for individual study and are not well-suited to group study. While some finishes have been renewed, the overall appearance is of 1989 on the inside, and 1965 on the outside.

Despite these shortcomings, the library is one of the most heavily used spaces on campus. There are few other spaces affording facilities for study or group interaction elsewhere on campus.

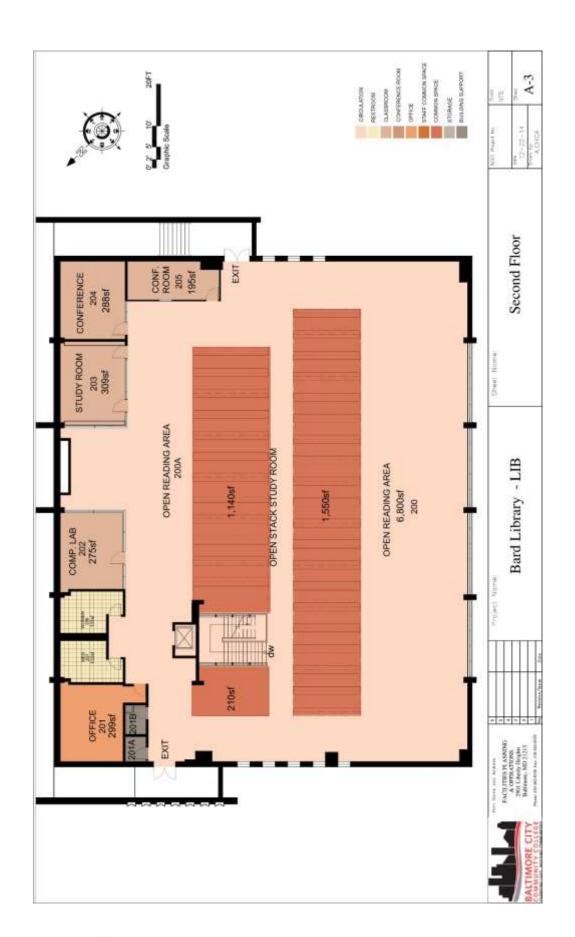




Baltimore City Community College Learning Commons | Bard Library Renovations Program Part II – FINAL 9/07/21 Revised 12/07/22







Baltimore City Community College Learning Commons Facility Program – Part II Summary Noelker and Hull Architects

Project Narrative
Baltimore City Community College Learning Commons
2901 Liberty Heights Avenue
Baltimore, Maryland 21215

The transformation of the existing Bard Library into the Learning Commons at Baltimore City Community College will re-imagine the library as a common space for study, information and collaboration. Built in 1965, the Bard Library is obsolete, and requires a systemic renovation and expansion.

The Learning Commons program includes a 17,000 gross square foot (GSF) addition to the existing 30,000 GSF library building, and the replacement of all systems, finishes and the exterior skin of the existing building. These changes will open the interior of the building to its surroundings and provide upto-date services. The changes to the exterior of the building will complement the proposed Nursing Building renovation to create a new campus gateway for the BCCC Liberty campus.

Addressing longstanding deficiencies in groups and individual study space, the project will significantly expand these programs. The project will also add classroom and tutoring space, a café/coffee shop, and other shared spaces that presently are missing at BCCC.



Figure 1 – Bard Library in 2020

The Learning Commons will function as a central point of contact for study, electronic learning and collaboration, and general college information. The existing layout will be re-imagined as a collaboration space in the heart of the campus.

The design program envisions an open interior, with blended study, resource and collaboration space, in a transparent envelope that visually relates the building interior to the central campus. Daylighting and access to views will be major design emphases.

The program includes provisions for an information technology (IT) infrastructure commensurate with the needs of the new facility.



Figure 2 – Library interior in 2020

The project will replace all building systems, and will be designed and constructed in accordance with the Maryland High Performance Buildings initiative. In accordance with developing state policy, the project will be designed to avoid the use of fossil fuels in its systems. The building will be brought into full compliance with the Americans with Disabilities Act (ADA), and will be upgraded to meet current occupational and life safety standards, including a fire suppression sprinkler system, which is currently not present in the building. Expansion, re-cladding and new systems will greatly enhance building performance and sustainability.

In addition to updated circulation and common spaces, the project will include space for student study and lounge space, and will incorporate outdoor space in its role as a major component of the campus entrance. Daylighting and modern, durable finishes will be used.

Conceptual Vision

The Learning Commons is envisioned as a campus hub, providing an innovative study and collaboration environment that incorporates best practice for formal and informal environments. The facility will incorporate a mix of spaces at varying levels of structure, ranging from open spaces with a variety of seating and study configurations to classrooms for computer instruction. Interspersed in these spaces are the library collections for circulating materials, reference, law and periodicals, as well as facilities for laptop checkout and general use computer workstations. Informal presentation spaces will be provided, along with more enclosed group study and presentation spaces at varying scales. The Learning Commons will feature a café for additional informal social space, which itself can be adapted for group presentations.

The Learning Commons is expected to be closely integrated with the surrounding campus, with outdoor terraces, views and an overall transparency, both inward and outward, engaging the landscape and serving as a link between surrounding campus facilities. Daylighting and connection to the natural world will be a prime emphasis.

Individual spaces will be scalable, providing flexibility for a variety of activities and use patterns, and will be adaptable to future uses and technologies. The widespread use of handheld personal devices will be accommodated and encouraged, so that students can interact with the Internet, each other, and a variety of interactive presentation options. Individual study spaces will be adaptable for the preparation and presentation of multi-media presentations. Each classroom, tutoring and study space will provide opportunities for remote teaching and learning. Rooms and semi-enclosed areas may function as pitch spaces or project areas.

The Learning Commons will provide means for students who have limited access to devices and broadband information technology to obtain access to loaner devices and high-speed data connections.

While the printed collections will continue to be central features of the Learning Commons, they will be supplemented by access to digital content, both for academic reference and for personal learning and individual projects. The Learning Commons will gain function as exhibition space for student and faculty projects, many of which may be in a digital presentation format.

The Learning commons will provide a bright, lively environment that encourages learning and collaboration, incorporating permanent and temporary artwork and displays.

As physical collections change over time, so will electronic collections and access systems, and the Learning Commons will be capable of evolving to support these changes.

General Requirements

The Learning Commons shall be designed in accordance with applicable building codes and standards, including the Internal building Code, the NFPA 101 Life Safety Code, the Maryland Accessibility Code, the International Energy Conservation Code, and applicable specialty codes.

These include the most recently adopted versions of the following codes, as well as subsidiary or accessory standards referenced in these codes:

International Building Code (IBC)

International Existing Building Code (IEBC), where applicable

Life Safety Code (NFPA 101)

International Energy Conservation Code (IECC)

International Mechanical Code (IMC)

International Plumbing Code (IPC) and COMAR 09.12.02

National Electrical CODE (NEC, NFPA 70)

Maryland Accessibility Code (COMAR 05.02.02)

Americans with Disabilities Act

ANSI 117.1, Accessible and Usable Buildings

Additional requirements include the following, which may incorporate ICC and NFPA requirements by reference:

Maryland Smart Growth and Neighborhood Conservation Act

Maryland Building Rehabilitation Code

Maryland High Performance Green Building Program

Maryland Public Art Initiative

Maryland Elevator Code (COMAR 09.12.81 through 09.12.83)

Maryland Fire Prevention Code (COMAR 29.06.01 and 29.06.02)

Maryland Department of Health regulations for Eating and Drinking Establishments (COMAR 05.02.02)

Maryland Environmental Health Regulations (COMAR 10.15.03)

Maryland Forest Conservation Act (COMAR 08.19.04)

Maryland Department of the Environment Hazardous Waste Disposal (COMAR 26.13.03)

Maryland Occupational Lead Exposure Regulations (COMAR 09.12.32)

Maryland Sediment and Erosion Control and Storm Water Management Regulations (COMAR 26.17.01 and 26.17.02)

Maryland Safety Glazing Regulations (COMAR 05.02.06)

Baltimore City Food Service Regulations (City Code 6.101(c)

Centers for Disease Control (CDC) Guidelines for Higher Education

https://www.cdc.gov/coronavirus/2019-ncov/community/colleges-universities/considerations.html

Occupancy and Code Impact

It is expected that the building's existing construction type classification under the IBC will be retained, and that new and renovated construction shall be noncombustible in nature. However, the building shall be fully evaluated to establish individual fire protection features and subdivision requirements for fire barriers and fire separations, including protection for supporting structure at fire rated elements, as defined by building code and life safety code requirements. The existing classification of A-3 Assembly is not expected to change.

Using 2018 IBC areas limits for multi-story, sprinklered buildings with A-3 occupancy and IBC IIB construction classification, the area limit per floor is 28,500 square feet, before perimeter access adjustments. However, existing structure shall be analyzed for compliance with requirements for higher construction classifications, such as IBC IB, and the choice of structural systems and protection levels for additions evaluated accordingly. Care shall be taken to accommodate area limits and to introduce appropriate subdivision or protected construction as appropriate.

The expanded Learning Commons is expected to accommodate up to 350 students in dedicated study spaces, in a range of sizes from large open spaces to small group rooms. An outdoor study terrace is included in the program. The study spaces will coexist with shelved collections, which are expected to remain static in size or to gradually diminish. Two classrooms will accommodate 30-50 and 15 students, respectively, with an additional four tutoring spaces for 20 students and their tutors. Offices and central points of contact will be provided for about 20 staff members. A café/coffee shop will be provided for limited service dining. The café will serve pre-prepared foods and a limited range of made-to-order sandwiches and similar items, as well as coffee and beverages. Seating will be provided for about 80 patrons, with an outdoor terrace accommodating about 60 patrons.

Site

The Bard Library occupies a prominent location at the entrance to the Baltimore City Community College Liberty Heights campus. The building is built into a hillside near the highest point on campus, which is itself on one of the highest points in Baltimore. The site is within about 300 feet of the intersection of Liberty Heights Avenue and Druid Park Drive, where there is access to several bus routes. Although the Baltimore Metro runs under Liberty Heights Avenue, the nearest station is at Mondawmin, half a mile away. The project is distant from retail and other community resources.

The project encompasses the existing library and the proposed addition, and includes site development and amenities within roughly 50 feet of the building. Site utilities will require replacement to appropriate connection points beyond these limits on campus. These will include new water, sewer, storm drainage, electricity, natural gas, and communications connections. Stormwater management development will be required as part of this project, elsewhere on campus. These measures shall be coordinated with future campus development, including the renovation and expansion of the adjacent Nursing Building. Demand capacity will be required to be evaluated based on the systems chosen for the

project at the time of design. It is expected that the Learning Commons will be removed from the campus hot water system supplied through the Main Building and will operate separately, requiring a new gas line, if gas is selected as a fuel, and a new electrical service. A new water supply will be required as well to accommodate the fire suppression sprinkler system. The obsolete clay tile sanitary and storm water drainage lines will require replacement.

Sustainability

In accordance with the Maryland High Performance Buildings Program (MHPBP), the Learning Commons will be required to achieve LEED Silver compliance according to the version of LEED in effect at the time of project commissioning.

One alternate path is net-zero compliance in accordance with standards set by the Maryland Green Building Council. For this building type, LEED NC will be the probable LEED framework, in the most current version that is adopted at the time the project begins design. In addition to this requirement, pending legislation such as the proposed Climate Solutions Now Act of 2021 are expected to impose targets for carbon emissions that are substantially more strict than present initiatives.

These requirements will lead to significant reduction or elimination of fossil-fueled energy sources, with a preference for all-electric energy supplies, for state-funded projects.

The project will benefit from credits for development of existing sites, access to transit systems, and reuse of the existing structure.

While specific strategies for meeting sustainability goals must be determined according to the rating program criteria and prerequisites in place at the time of design, certain features are expected to be especially desirable. These include:

- Daylighting
- The use of low -emissions materials
- Generous ventilation rates
- A building envelope and systems that lend themselves to economical operation and low environmental emissions
- Thoughtful use of site features
- Water conservation
- The use of occupancy sensors and environmental sensors to control lighting and systems according to their level of use

DBFP No. 1021203

- Innovative use of recycled and recyclable materials
- Use of low-maintenance materials amenable to low-emitting cleaning products
- Exploration of grants for renewable energy and energy conservation
- Innovative educational opportunities for environmental awareness

Building characteristics

Existing conditions

The existing Bard Library dates to 1965. The existing usable area is about 30,000 square feet. Like most of the early BCCC campus buildings, it is of concrete construction using Doxplank masonry forming. Two stories above grade are built into a hillside and house the major library functions. A basement houses a classroom, most of the existing building's toilets, and utility space, with an extensive crawl space. The library's exterior skin is a mixture of precast exposed aggregate panels and brick veneer. No wall insulation is present. Glazing is single-pane in aluminum frames, dating to the original construction of the library. Emergency egress is available through exterior stairways on either side. The west stairway extends to the basement. The library's chiller is on the north side of the building, to the rear. The library has little interaction with its surroundings on the west, north and east sides.

The main entrance has been adapted for accessibility. Minor alterations have been made in a few places for interior accessibility, and an elevator was added. The elevator is extremely unreliable. There is no sprinkler system, and fire alarms are outdated and non-compliant with ADA. The HVAC system is obsolete and energy-inefficient, dating to the construction of the building. There are no restrooms on the first floor, and minimal facilities on the second floor, with minimal adaptation for ADA.

The main entrance has received limited adaptations for accessibility.

Structure

The existing structure shall be evaluated for re-use. Since a change of occupancy is not planned, full compliance for existing sections with current structural building code requirements is not required unless significant deficiencies are encountered. New sections shall conform to current building code requirements. Existing roof structures shall be evaluated for loading conditions incurred by new design elements.

Geotechnical investigation shall be performed to verify assumed structural bearing conditions for foundations.

New waterproofing is expected to be required along the slope on the north side of the building.

New floor structure shall be designed according to loadings required for room occupancy, generally to a minimum of 100 psf live load. Areas used for stacks shall be designed for 150 psf live loading. No rolling storage units are planned or anticipated. The existing roof shall be evaluated for loading by new HVAC systems and for drift loading incurred by equipment or adjoining construction.

Additions shall match the existing floor to floor heights. Areas where additional volume is desirable, such as the café, shall be arranged as single-story areas as much as possible to allow a higher roof structure.

Building envelope

The existing thermally-inefficient library structure shall be stripped to the building frame and replaced with a new envelope, conforming to current building code requirements for thermal and structural performance. In coordination with sustainability targets and HVAC systems selection, the new envelope shall include thermal insulation, a continuous air barrier, and internal moisture control. The thermal envelope shall conform to current requirements for thermal resistance values for commercial buildings.

Exterior materials shall be chosen for durability and consistency with the surrounding campus.

Glazing and doors shall be thermally broken systems, using double-pane low-e glazing to IECC standards, with solar control where required to address solar heat gain. Consideration shall be given to shading

devices where they are appropriate. Roller shades or similar shading materials shall be provided where additional solar control is desired.

Main entrances and door locations susceptible to windy conditions shall be provided with vestibules. Vestibules shall be provided with walk-off mats for interior air quality control. Overhangs are desirable at all entrances. Automatic doors shall be considered for the main entrance and café terrace doors.

The existing roof system shall be evaluated for replacement with a new system over the existing deck in renovated areas, and a new system over new noncombustible structure in new areas. Insulation shall be provided to current IECC thermal performance requirements.

New roof structures shall have positive structural slopes to drain. Existing roofs shall be provided with tapered systems where insufficient slope exists, if replaced. Auxiliary or overflow drains shall be provided in addition to regular roof drains, and the existing internal roof drainage system shall be evaluated for capacity and coverage in light of existing capacity and changes to configurations. New roofing shall be high reflectivity low-emissivity material. Warranties shall be according to the roofing policy described in the Maryland DGS Design Manual.

Phasing

In order to allow for the existing facility to be used during construction, additions shall be constructed first, to minimize the time required to vacate and relocate existing building functions for renovation. The existing building shall be kept weathertight during this time. To the greatest extent possible, new building systems shall be placed in the new section of the building, to allow them to be tied into the existing building, and the old systems removed during renovation.

Acoustics

Since the Learning Commons will be an active environment, detailed attention to acoustical performance will be required to address issues of overall noise levels, acoustic privacy, sound transmission, and system-generated noise. A hierarchy of acoustical measures will be required to define active and quiet zones, and to provide satisfactory levels of acoustical privacy for enclosed spaces. Recommended reverberation times of 0.8 to 1 second are preferred for study spaces, and 0.4 to 0.6 seconds for classroom spaces in which speech is important. Dining and public lobby spaces should be treated to perform similarly to study spaces. A minimum sound transmission coefficient (STC) of 48 is recommended for adjoining spaces. Some doors may require sound gasketing, determined on an individual basis.

Spaces shall be arranged to minimize open sound paths between busy spaces and quieter spaces.

In open areas, an active sound masking system may be desirable to allow for privacy.

Finishes

As befits a heavily used facility of this kind, finishes shall be chosen for ease of maintenance, durability and long service life. Flooring in high traffic areas shall be chosen for particular durability. Flooring in

study areas shall be chosen for sound absorption and to minimize sound generated by impact, within a space and its neighbors below. Colors shall be selected for a lively, bright environment, with colors responding to the uses of the spaces. The overall finish scheme shall avoid connotations of institutional appearances, while retaining durability and a timeless nature.

The café area shall utilize finishes and furnishings chosen for compatibility with food service operations. Food serving areas shall use materials suitable for food preparation environments. Finishes and features shall comply with Baltimore City Health Department requirements, as defined in the Code of Maryland Regulations (COMAR).

Furnishings

Furnishings shall be selected for long wear and easy cleaning. Upholstery shall be capable of withstanding repeated scrubbing with disinfecting cleansers. A mixture of tables, chairs, small study units, study pods and informal seating is required in the main study spaces. To the greatest extent possible, study furniture shall incorporate charging features for personal electronic devices. Furnishings in the café shall be suitable to a food service environment, with a mixture of four and two-person tables, as well as two-person hightops. Counter seating may be desirable along the edges of the café space, where charging stations may easily be provided. Classroom furnishings shall be suited to their environments, with computer tables with integrated wireways and charging.

Office furnishings shall be consistent with that provided elsewhere on campus, with wood desks and ergonomic seating.

Furnishing materials shall be selected for compatibility with the Learning Commons environment, and shall reflect the unique characteristics of the facility. Consistency with other campus spaces is not required.

<u>Accessibility</u>

The Learning Commons shall be designed in accordance with the Americans with Disabilities Act and the Maryland Accessibility Code. All public and staff areas of the building shall be fully accessible. The Learning Commons will require an elevator. The elevator shall be a 3500# side-entrance unit, capable of accommodating an ambulance rescue litter. The elevator should be a standard hydraulic unit, with minimum 100 fpm speed. The use of hole-less and machine room-less units is discouraged. The elevator duty cycle shall be evaluated for the building occupancy and use. Supplemental cooling shall be provided for the machine room, which shall be located away from noise-sensitive areas, preferably in a utility area in the basement. An option for a second elevator shall be evaluated at the time of design, according to input from the College.

Building entrances and exits shall be on accessible paths, integrated with the building site. Restrooms shall contain accessible features.

Site Development

The Learning Commons is on a restricted site that will require close coordination with existing utilities and circulation paths. As an element of the new campus gateway, site development will include improvements to the campus circulation axis in the vicinity of the Learning Commons, including lighting,

landscaping, paving, seating and other site amenities. Outdoor study and dining areas are part of the building program, and should be arranged to relate to the greater campus. The Nursing Building is programmed for renovation within two years of the Learning Commons, and site development work, should be coordinated with that project to maximize the benefit of both. A plan of common utility development should be pursued to allow shared services and utility routing.

Site stormwater mitigation elements should be planned around both the Learning Commons and the Nursing Building. All new development or redevelopment must comply with Maryland Department of Environment stormwater management regulations which will require environmental site design measures as well as well as water quantity Ccontrol for the 10-year storm events. With the limited site area adjacent to the building, planter box bioretention facilities, rain gardens and other micro-scale practices should be utilized. If stormwater treatment within the project limits is not feasible, the treatment may need to be provided for other campus untreated impervious area as a mitigation measure. To control the 10-year storm events, surface or underground detention may be required.

A comprehensive landscaping development plan should encompass the Nursing Building and the Learning Commons and adjoining areas. Site planning shall take into account Maryland environmental and cultural resource regulations as required by COMAR. Reforestation requirements shall be evaluated, with potential sites identified on the campus as determined by engineering analysis.

Site planning shall incorporate vehicular access for service and deliveries to the media center and the café by box trucks. The service area shall be screened from outdoor activity areas and from direct view from the campus entrance. Site planning shall take into account access for emergency services.

Seating areas for the café and outdoor study areas should be fenced to encourage access from within the Learning Commons, with gates for maintenance and special event access. Shading, either by means of permanent features or by vegetation or furnishings, shall be provided at terraces. Benches, bike racks and other site amenities shall be provided in the public space in front of the building, coordinated with the Nursing Building project and other campus improvement projects.

Systems

The existing Bard Library was built in 1965 and has seen only limited renovations since then to update systems or replace finishes. The mechanical systems are original to the building, and the electrical and alarm systems have received only limited upgrades. For the renovation and expansion project, all systems need to be replaced in their entireties.

Utilities

Existing utility services are either inadequate in capacity or beyond their lifespans, as evaluated in the Part I project evaluation.

Water service shall be replaced and upgraded from the campus main to provide sufficient pressure and flow for fire sprinkler systems and domestic water consumption. The existing clay tile sanitary and storm drainage systems shall be replaced and connected to the campus system.

DBFP No. 1021203

New electrical service shall be provided in accordance with calculated and anticipated loads. It is expected that primary distribution lines from the campus distribution system and transformers will require replacement to meet current and future requirements, as calculated by the design team.

Existing hot water loops to the main building shall be disconnected and abandoned.

Natural gas service shall be sized to serve the generator and water heating requirements.

Existing data connections shall be evaluated for re-use and expansion.

System connections shall be sized and located to coordinate with the Nursing Building renovation project to the greatest extent possible, to allow for economy in shared use and to minimize the impact of utility routing and construction work on each project.

Mechanical Systems

The Learning Commons will be heavily used by students and staff throughout the day, with peak occupancies exceeding 500 persons, when study, class space and the café are all used at the same times. Ventilation shall be designed to accommodate LEED or LEED-equivalent goals for indoor air quality, filtration and temperature control. In accordance with current CDC guidelines for Colleges, Universities and Higher Learning best practices, if applicable at the time the project is designed, a high performance air filtration system shall be incorporated, with MERV-13 filtration, or as enacted by the most recent guidance. Strong consideration shall be given to in-duct ultraviolet sterilization. The system shall be designed at minimum to the currently-adopted ASHRAE 90.1 standard, the International Mechanical Code and the International Energy Conservation Code.

In anticipation of legislation reducing CO₂ emissions, systems shall be designed to maximize the use of sustainably-derived electric power for heat pump systems. System cost evaluation shall include comparisons of ground-source and air-source systems. It is anticipated that the existing central hot water supply system from boilers in the Main Building shall be discontinued, and that heat shall be locally derived. No central chilled water system exists on campus or is expected to be developed.

Thermal comfort of occupants will be a primary goal, since many users will be seated and not physically active. The mechanical system shall be designed to take into account periods of heavy use, including increased traffic through building entrances. While the building envelope shall use appropriate glazing and solar control methods, the mechanical system shall be designed to accommodate increased amounts of glazing and daylighting over the existing structure. The system shall be appropriately zoned to reflect exposures and the effects of floor penetrations at the building lobby. The system shall be capable of responding to varying load requirements through the day.

Since the project includes a café/coffee shop, the ventilation system shall be designed with appropriate zoning and air exchange measures to prevent food odors from migrating from the serving and seating areas. The air exchange systems in the building shall employ energy recovery ventilation units to meet regulatory requirements for energy conservation.

The HVAC system shall maintain temperature and humidity levels in appropriate ranges for the conservation of the Learning Commons' printed media collections. Additional measures may be required for archival conservation in designated areas. NISO standards for combined library stacks and other spaces are 70 degrees F +/- 2 degrees and 30-50% relative humidity, +/- 3% fluctuation in a day.

Air distribution systems shall incorporate insulated ductwork for all supply systems to eliminate the possibility of condensation. The use of sound attenuating linings and dampers shall be encouraged. Returns shall be fully ducted.

Controls, metering and monitoring systems shall be evaluated and chosen in accordance with the selected sustainability compliance path. Direct digital controls shall be implemented, with appropriate

and compatible interface with the college's existing central control system. The controls shall be connected to the campus IT distribution system, using secure protocols.

HVAC system design shall consider methods for the control of noise generated by the system and by air movement.

Basement areas shall incorporate appropriate ventilation and humidity control suitable for sub-grade spaces.

Roof-mounted equipment shall be placed to minimize visibility from the surrounding site and shall be screened. To facilitate maintenance and equipment longevity, mechanical equipment shall be placed in enclosed spaces to the greatest extent practical.

Plumbing systems

Existing plumbing systems have reached the end of their practical lifetimes and shall be replaced. Existing sanitary and storm drainage shall be evaluated to confirm appropriate capacities and tie-in points. Storm drainage shall be coordinated with stormwater treatment measures required by Baltimore City regulations and by sustainable design goals.

Multi-stall toilets shall be provided on the main and upper levels for each gender, with single-occupant toilets considered for the basement and for ungendered or staff usage on other levels. Toilet counts shall be allocated to avoid the need to go to an adjoining level, and shall comply with IPC fixture count requirements. Wall-mounted water closets shall be preferred, with sufficient space in chases to accommodate mounting chairs and opposing piping.

Toilet areas shall be located to avoid direct sight and sound lines to other spaces, while ensuring that they can be located with ease by visitors, using signage, location and other wayfinding cues.

At least one wheelchair-accessible ADA stall shall be provided in multi-stall toilets, and in toilets with three or more stalls, an ADA alternate stall with grab bars for non-wheelchair use shall be provided.

At the main level, space for a folding changing table shall be provided in the main toilets for each gender.

Plumbing shall be arranged to serve toilets on all three levels of the building, in a compact, efficient manner. A circulation system and anti-scald devices shall be provided for hot water. All piping and fittings shall be insulated for energy conservation and condensation resistance. Booster heaters shall be provided where required for specific food service requirements. Low-flush fixtures and touch-free controls shall be provided.

Touch-free controls shall be provided for plumbing fixtures.

Hot water generation systems shall be evaluated for consistency with state-mandated goals for CO2 reduction.

Sanitary and storm drainage shall be designed for minimal sound transmission, with preference given to cast iron drainage.

A fire suppression sprinkler system is required. Since a new water supply will be required to replace the existing 3" supply, the new water supply shall be designed to avoid the need for a fire pump. Flow tests shall be conducted to confirm adequacy without a fire pump.

Since the food service area will have a three-compartment sink, a grease trap will be required for the sink, arranged for easy service access.

Electrical Systems

The entire existing electrical service and distribution system shall be replaced and re-sized to accommodate the expanded building and changes in usage since the library was built in 1965. A new electrical service feed will be required to the building. A 480/277V three-phase system is recommend for a building of this size, with 120V step-down transformers as needed for general use.

Heavy equipment loads for HVAC systems and specialties such as the elevator should utilize the highest practicable voltage. Due to the extensive use of personal data devices and computer stations by students and staff, an extensive 120V network of power outlets is required, with appropriate surge protection measures. Floors, partitions and furnishings shall be designed to incorporate power outlets. These outlets should include 5V USB power connections to allow the charging of personal electronic devices where appropriate. Power outlet locations shall be coordinated with furnishings, some of which may include power access and internal wiring or raceways.

Power distribution shall be in raceways, with metallic-clad (MC) cable considered where appropriate for economy, particularly for convenience outlets and lighting fixture whips.

Outdoor seating areas shall be provided with weatherproof power for personal devices, including USB power. In order to provide weather-resistant access, appropriate weatherproof device boxes may be placed just above tabletop height around the perimeter, integrated with a site wall or fence, or in pedestals in the interior of an outdoor space.

Lighting shall use LED fixtures throughout, with color temperature coordinated between fixtures. The use of indirect or direct/indirect lighting shall be encouraged to avoid glare and to provide uniformity of illumination. Lighting controls shall include daylight sensors and integrated stepped switching to allow for reduced lighting use when daylighting is sufficient. Occupancy sensors shall be employed where appropriate to reduce power consumption. Controls shall include timers and means for unoccupied modes, with night lights for security illumination. Dimmers shall be provided in spaces requiring uservariable illumination. Accent and decorative lighting shall be provided in areas of special design emphasis. Footcandle elevels shall be appropriate for study in all areas associated with study activities and classrooms, in the range of 30-50 footcandles. Lighting in office and general use spaces shall be 20-30 footcangles. Ilumination in stack areas shall be appropriately arranged to coordinate with stack arrangements. Lighting in study areas that may be used for presentations shall be controlled to allow reduced lighting levels according to user requirements.

Exterior illumination shall reflect the Learning Commons' role as a campus gateway, and shall further the design concept as a transparent beacon for the BCCC community. Appropriate levels of site lighting shall be provided on all sides in accordance with Illuminating Engineering Society of America (IES) guidelines, and controllable illumination shall be provided for outdoor study and dining areas. Lighting design shall include the main walkway axis, enhancing that feature in accordance with the campus master plan. Exterior lighting shall bear in mind future additional lighting provided during the Nursing Building renovation and campus standards.

Emergency lighting shall be provided in accordance with NFPA 70, the National Electrical Code and IBC requirements. An emergency generator shall be provided for backup power for alarm and critical systems, including central IT and communication systems, and emergency lighting. Designated

refrigeration systems in the food service area may require emergency power. If a fire pump is required based on flow evaluations, the generator shall be sized appropriately. Preference for fuel type and storage sizes and capacities shall be evaluated at the time of design.

Data and Communication Systems

A main distribution frame shall be provided for the building, served by the campus fiber network, with distribution by fiber to intermediate distribution frames as required by building layout. Main Distribution Frames (MDFs) and Intermediate Distribution Frames (IDFs) shall be housed in their own secure spaces with appropriate workspace surrounding equipment. Supplemental cooling shall be provided for IT equipment where appropriate. Distribution shall be provided to wired connections via Category 6 gigabit cable, minimum. Cabling shall be concealed in finished spaces. Where suspended ceilings are provided, cables may run in cable trays or bridle rings, with drops in conduit stubbed above ceilings from outlet locations. Data outlets shall be provided at anticipated permanent workstation locations, printers, copiers and library control systems. Additional hard-wired outlets shall be provided at displays and input locations. HDMI cabling shall be provided for connection to display systems from presentation locations.

A network of power-over-Ethernet wireless nodes shall be provided, consistent with the expected use of the Learning Commons and considerations of coverage and signal strength. Nodes shall be designed and placed to consider the aesthetics of their spaces, and shall be concealed in high-finish spaces. The system shall be designed for heavy use of wireless devices. Wireless coverage shall be provided at outside spaces such as dining and study terraces.

A voice-over-IP telephone system shall be provided for staff, connected to the existing campus VOIP telephone system through the IT network. Security, building controls, and telecommunications shall be integrated with the data system.

Security systems

The Learning Commons shall be provided with an intrusion security system, with provisions for both perimeter detection and interior motion sensors. The system shall be connected to the campus security center via the campus security data system. Provision shall be made for media materials control systems, including future transition to an RFID inventory control system, with sensors disposed at exits from collection areas. Provision shall be made for staff and self-checkout systems.

Campus security intercom points shall be provided for communication with the campus security center. A building public address system shall be provided, connected to the internal telephone system and to the central campus security post. Intercom locations shall be clearly identified. A digital security camera system shall be provided throughout the interior and exterior of the Learning Commons, connected to the campus security system. The existing campus alert system shall be extended to the Learning Commons and provided throughout the facility. Panic switches shall be placed as directed by the College in information desks and selected employee areas

A public safety repeater system shall be provided to accommodate campus police, city police and fire service radio requirements. Provision shall be made for a cellular telephone repeater system for future installation.

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Life Safety Systems

The Learning Commons shall be provided with a complete fire suppression sprinkler system in accordance with NFPA 13 requirements, connected to the public water system. The system shall be integrated with the finishes of each space for unobtrusive appearance. Concealed sprinkler heads shall be provided where appropriate in finished ceilings. The sprinkler system shall be connected to the building fire alarm system and shall report to the campus security center. Flow tests shall be performed within 12 months of the start of construction to verify flow rates and pressures, and to verify whether a fire pump is required. The present library lacks any sprinkler system, which will be required for the new facility based on occupancy type and occupant load.

Computed occupant loads shall be evaluated to establish whether a standpipe system is required.

Storage in the archive area shall take into account the presence of a sprinkler system and shall provide closed storage enclosures for irreplaceable materials liable to damage from sprinkler activation.

A complete fire alarm system shall be provided in accordance with NFPA 72 requirements, incorporating voice, audio and visual alarms. The system shall report to the campus security center. In areas of special design emphasis, device locations shall be coordinated with finishes and design elements.

Fire extinguishers shall be provided in cabinets as required by NFPA 10. Within the scope of a 75-foot travel distance, fire extinguishers shall be preferentially located near points of exit.

Enclosed fire exit stairs shall be provided in accordance with IBC, ADA and NFPA 101 requirements.

Space Description				Program -	NSF	Functional		
	Number	HEGIS	Occupants	Quantity	Area	area	Category area	Total area
1. Collections								
a. Shelved collections								
General collection	1.1.1	420-30		1	5,000	5,000		
Reference collection	1.1.2	420-30		1	800	800		
Reserve shelving	1.1.3	420-30		1	150	150		
Law collection	1.1.4	420-30		1	300	300		
Periodicals	1.1.5	420-30		1	100	100		
Lobby display area	1.1.6	620-25		1	200	200		
b. Archives								
BCCC archive room	1.2.1	420-30		1	250	250		6,800 nsf
2. Study space								.,
a. Group study rooms								
Standard rooms up to 6 persons	2.1.1	410-15	ϵ	5 8	250	2,000		
Large rooms up to 12 persons	2,1.2	410-15	12	2 4	400	1,600		
b. Open study space								
Individual study in open areas (dispersed)	2.2.1	410-15	7000/30=233	3 1	7,000	7,000		
Quiet study space (may be dispersed)	2.2.2	410-15	3000/30=100		3,000	3,000		
Outdoor study space (not in totals)	2.2.3	410-15	1000/30=33		1,000	1,000		
c. Tutoring rooms/Center for Academ	ic Achiev	ement						
20 persons	2.3	320-25	20) 4	500	2,000		
20 persons	2.5	320-23	20	, -	300	2,000		
2.00								15,600 nsf
Offices a. Library offices								
Director's office	3.1.1	310-15	1+2 visitors	s 1	200	200		
Librarians	3.1.2	310-15	1+2 visitors		125	500		
Shared staff office	3.1.3	310-15	2		200	200		
Staff work room	3.1.4	310-15			500	500		
Archivist	3.1.5	310-15	1+1 visitor		180	180		
Staff lounge	3.1.6	310-15	4-5 staf	f 1	200	200		
b. Other services								
E-learning office (inclusion TBD)	3.2.1	310-15	1+1 visitoi		125	375		
Tutoring office	3.2.2	310-15	1+1 visitor	2	235	470		
Writing office	3.2.3	310-15	1+1 visito	1	125	125		
IT office	3.2.4	310-15	1+1 visito		125	125		
Media Production	3.2.5	530	2-3	1	500	500		2 275 met
4. Classrooms								3,375 nsf
Large instructional space	4.1	100	30-50) 1	1,000	1,000		
Small instructional space	4.2	100	15		300	300		
5. Circulation/information								1,300 nsf
	5 1	440 EE	2.3	3 1	EOO	500		
Circulation/reference desk (main)	5.1	440-55	2-3		500			
Reference desk (upstairs, auxiliary)	5.2	440-55	2		200	200		
General assistance desk	5.3	440-55	1	. 1	100	100		
								800 nsf
6. Library support space/processing								
Copiers - 2 b/w, 1 color, fax	6.1	440-55		4	50	200		
Receiving area	6.2	440-55		1	400	400		
								600 nsf

7. Food service

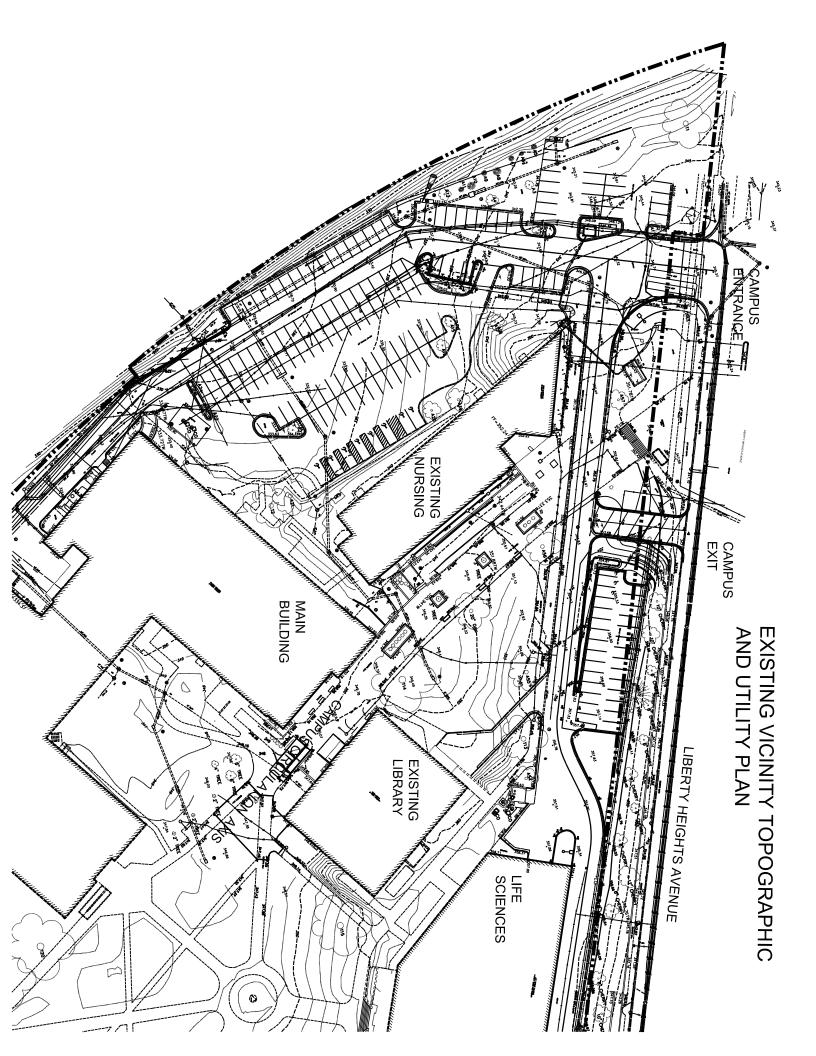
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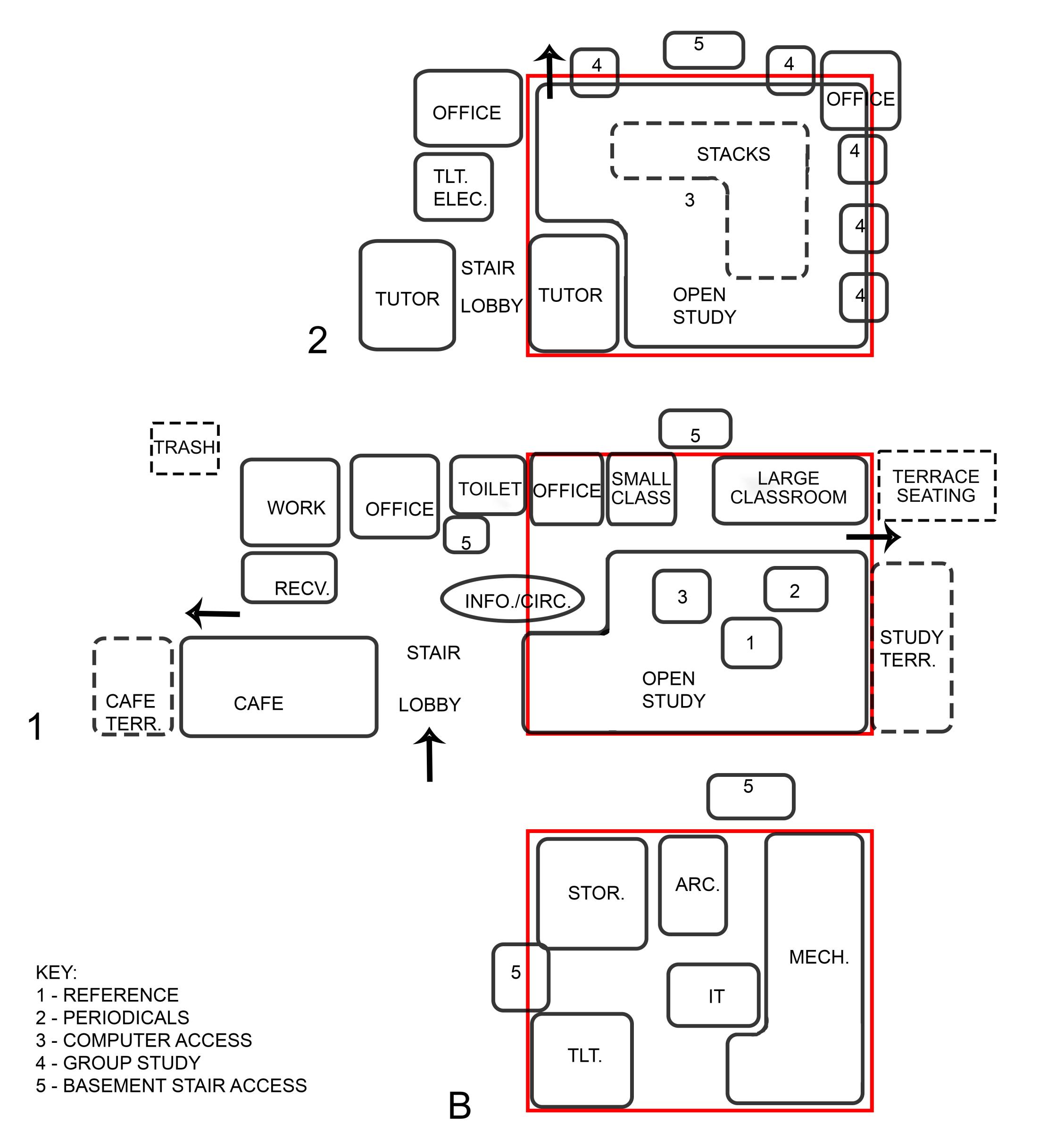
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Café/coffee shop dining space	7.1	630-35	80	1	1,750	1,750		
Service line	7.2	630-35		1	200	200		
Prep area	7.3	630-35		1	300	300		
Dry storage	7.4	630-35		1	150	150		
Outdoor dining (not in totals)	7.5	630-35	60	1	1,000	1,000		
								2,400 nsf
8. Facility support								
IT/IDF	8.1	700		1	150	150		
Facilities storage	8.2	700		1	350	350		
General storage	8.3	700		1	150	150	650	
Toilets	8.4	090	per	calcula	tion pa	rt of gross area		
Electrical closet	8.5	090		calcula		rt of gross area		
Custodial closet	8.6	090	per	calcula	tion pa	rt of gross area		
								650 nsf
Net Square Feet Totals								31,525 NSF

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Room Data Summaries

The following section describes each room or set of rooms by function, size, occupancy, finishes, furnishings, systems and other physical characteristics. The spatial hierarchy, room designations and areas are summarized in the space summary table. Spaces with identical functions are grouped together.

Most mechanical, electrical, plumbing and communications features in individual spaces are incorporated into the overall building systems, such as HVAC, alarms, data and other centrally located and controlled systems.

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NUMBER SPACE NAME COLLECTIONS 1.1.1

ROOM FUNCTION GENERAL CIRCULATING COLLECTIONS

OCCUPANCY (IBC) DEPARTMENT

ASSEMBLY A3

AGENCY/FACILITY **BALTIMORE CITY COMMUNITY COLLEGE**

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	n/a		
Student Type & Qty.	n/a		
Other (Equipment, Furniture or			
Area, etc.)	Shelving		
1. Shelved Collections			
General Collection - 1	5,000	5,000	
		Total area 5,000 nsf	
	Space for 7-section ranges		
	(21') X 36 ranges w/ min		
	36" spacing, 42" preferred,		
	plus 4 2-sided 5-section		
	ranges for the law		
	collection		Ranges noted are existing, may
	9' min ceiling, higher		be configured to suit the space
Dimensions (L, W, H)	preferred		arrangement
Preferred level above/below grade	Second floor		
Outdoor space	n/a		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Quiet study	2.2.2	Greatest
2	Reference	1.1.2	Moderate
3			
			36 ranges, 21' long, nominal
Cabinets/Casework ¹	Shelving	Metal	double-sided 12" depth
·			•
Doors and Windows	Type, Size and Finish	Material	Note
			Control point at entrance, door
Door ²			not required
Window 1	Туре	Material	No windows in shelving area
	Open to study with low		
	enclosure, or glazed		
Wall ³	enclosure		
Wall 1			

¹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

² e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

³ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

	Floor ⁴ Modular resilient	Impact noise control
		The underside of the existing
		roof is unlikely to be suitable
Ceiling ⁵	Acoustical	for exposed use
Acoustic Considerations		Adjoins quiet study
Other Requirements		

Mechanical & Plumbing

Piped Services	Heat	Cooling	Unique Requirements, Equipment
n/a			
			Suitable for printed materials,
Controls			NISO standards

Ventilation

	N	Note (e.g. Hazard, Alarm)
	Ir	ntegrated with surrounding
Air exchange	0	occupied space

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			Floor outlets or end cap outlets
General Receptacles 110v			for housekeeping
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			Align lighting with range aisles,
General			direct/indirect preferred

Data/IT/Security

Communication	Quantity	Location	Туре
Data/LAN Ports			None hard-wired, WiFi coverage
Sound System			PA
Life Safety			Sprinklered
			Alarm integrated with
Alarm			surrounding occupied space
Security			Security camera
			Collection security

Structural

Special Load Requirements		
Floor Loading		Suitable for library loading

Energy/Sustainability Features

Energy		(IgCC, GG or LEED Possibility)
Indoor Environmental Quality		
Other		

⁴ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

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⁵ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

PROJECT TITLE **BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS** DATE 2/15/2021

SPACE NAME REFERENCE COLLECTION **SPACE NUMBER** 1.1.2

REFERENCE COLLECTIONS **ROOM FUNCTION** OCCUPANCY (IBC)

ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY **BALTIMORE CITY COMMUNITY COLLEGE**

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	n/a		
Student Type & Qty.	n/a		
Other (Equipment, Furniture or Area,			
etc.)	Shelving		
1. Shelved Collections			
Reference Collection - 1	800	800	
		Total area 800 nsf	
Dimensions (L, W, H)	6 2-sided 6-section ranges for the reference collection		Ranges noted are existing, may be configured to suit the space arrangement
Preferred level above/below grade	Ground floor		
Outdoor space			
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Reference, circulation	5.1	Greatest
2	Study	2.2.1	Greatest
3			
Cabinets/Casework ⁶	Shelving	Metal	Size (L, W, H)
			6 ranges, 24' long, nominal double-sided 12" depth
Doors and Windows	Type, Size and Finish	Material	Note
Door ⁷			Control point at entrance, door not required
Window 1	Туре	Material	No windows in shelving area
Wall ⁸	Туре	Finish	Note
Wall 1	Open to study with low enclosure, or glazed enclosure		
Floor ⁹	Modular resilient		Impact noise control

⁶ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

⁷ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

⁸ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

⁹ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

			The underside of the existing
			floor is unlikely to be suitable
Ceiling ¹⁰	Lay-in	Acoustical	for exposed use
Acoustic Considerations			Adjoins study
Other Requirements			

Mechanical & Plumbing

Piped Services	Heat	Cooling	Unique Requirements, Equipment
n/a			
Controls			Suitable for printed materials

Ventilation

		Note (e.g. Hazard, Alarm)
Building ventilation		Integrated with surrounding
system		occupied space

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			Floor outlets or end cap outlets
General Receptacles 110v			for housekeeping
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			Align lighting with range aisles,
General			direct/indirect preferred

Data/IT/Security

Communication	Quantity	Location	Туре
Data/LAN Ports			None hard-wired, WiFi coverage
Sound System			PA
Life Safety			Sprinklered
			Alarm integrated with
Alarm			surrounding occupied space
Security			Security camera
			Collection security

Structural

Special Load Requirements		
Floor Loading		Suitable for library loading

Energy/Sustainability Features

Energy	(IgCC, GG or LEED Possibility)
Indoor Environmental Quality	
Other	

 $^{^{\}rm 10}$ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME RESERVE AREA SPACE NUMBER 1.1.3

ROOM FUNCTION SHELVING FOR RESERVED BOOKS

OCCUPANCY (IBC)
DEPARTMENT

ASSEMBLY A3

AGENCY/FACILITY

CILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	n/a		
Student Type & Qty.	n/a		
Other (Equipment, Furniture or			
Area, etc.)	Shelving		
1. Shelved Collections			
Reserve Shelving - 1	150	150	
		Total area 150 nsf	
	Space for one single-faced		
	range of six sections, and		
	two low double-faced		Ranges noted are existing, may
	bookshelves with two		be configured to suit the space
Dimensions (L, W, H)	sections		arrangement
Preferred level above/below grade	Ground floor		
			Proximity (least, moderate,
Adjacency to Other Space	Name	Room Number	greatest)
1	Circulation	5.1	Greatest
2			
			1 range 18' long, single-sided,
			nominal 12" depth, 2 two-
Cabinets/Casework ¹¹	Type (refer to footnote)	Material	section double shelves, low
Doors and Windows	Type, Size and Finish	Material	Note
Door ¹²	Open to circulation area		None
			Integrated with surrounding
Window 1	Туре	Material	glazing, if present
Wall ¹³			No walls
Floor ¹⁴	Modular resilient	Finish	Impact noise control
			The underside of the existing
			floor is unlikely to be suitable
Ceiling ¹⁵	Туре	Finish	for exposed use

¹¹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

¹² e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

¹³ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

¹⁴ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

¹⁵ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Acoustic Considerations		Part of active public space
Other Requirements		

Mechanical & Plumbing

Piped Services	Heat	Cooling	Unique Requirements, Equipment
n/a			
			Suitable for printed materials,
Controls			NISO standards

Ventilation

		Note (e.g. Hazard, Alarm)
Building ventilation		Integrated with surrounding
system		occupied space

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			Floor outlets or end cap outlets
General Receptacles 110v			for housekeeping
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			Align lighting with range aisles,
General			direct/indirect preferred

Data/IT/Security

Communication	Quantity	Location	Туре
Data/LAN Ports			None hard-wired, WiFi coverage
Sound System			PA
Life Safety			Sprinklered
			Alarm integrated with
Alarm			surrounding occupied space
Security			Security camera

Structural

Special Load Requirements		
Floor Loading		Suitable for library loading

Energy/Sustainability Features

Energy	(IgCC, GG or LEED Possibility)
Indoor Environmental Quality	
Other	

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME LAW COLLECTION SPACE NUMBER 1.1.4

ROOM FUNCTION LEGAL REFERENCE COLLECTION

OCCUPANCY (IBC) ASSEMBLY A3
DEPARTMENT

AGENCY/FACILITY

BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.			
Student Type & Qty.			
Other (Equipment, Furniture or			
Area, etc.)			
1. Shelved Collections			
Law Collection - 1	300	300	
		Total area 300 nsf	
Dimensions (L, W, H)			
Preferred level above/below grade	Ground floor		
			Proximity (least, moderate,
Adjacency to Other Space	Name	Room Number	greatest)
1	General collections	1.1.1	Greatest
2	Reference	5.1	Greatest
3			
Cabinets/Casework ¹⁶	Type (refer to footnote)	Material	Size (L, W, H)
			4 ranges, 15' long, nominal
			double-sided 12" depth
Doors and Windows	Type, Size and Finish	Material	Note
Door ¹⁷			
			Note (e.g. shading, operable,
Window 1	Туре	Material	interior)
	Framed drywall or		No walls, control access with
Wall ¹⁸	storefront		shelving or low partitions
	Open to study with low		
	enclosure, or glazed		
Wall 1	enclosure		
Floor ¹⁹	Modular resilient		Impact control
Ceiling ²⁰	Туре	Finish	Note

¹⁶ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

¹⁷ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

¹⁸ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

¹⁹ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

			The underside of the existing floor is unlikely to be suitable
	Lay-in	Acoustical	for exposed use
Acoustic Considerations			
			Adjoins study space
Other Requirements			

Mechanical & Plumbing

Piped Services	Heat	Cooling	Unique Requirements, Equipment
n/a			
Controls			Suitable for printed materials

Ventilation

		Note (e.g. Hazard, Alarm)
Building ventilation		Integrated with surrounding
system		occupied space

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			Floor outlets or end cap outlets
General Receptacles 110v			for housekeeping
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			Align lighting with range aisles,
General			direct/indirect preferred

Data/IT/Security

Communication	Quantity	Location	Туре
Data/LAN Ports			None hard-wired, WiFi coverage
Sound System			PA
Life Safety			Sprinklered
			Alarm integrated with
Alarm			surrounding occupied space
Security			Security camera
			Collection security

Structural

Special Load Requirements		
Floor Loading		Suitable for library loading

Energy/Sustainability Features

Energy		(IgCC, GG or LEED Possibility)
Indoor Environmental Quality		

²⁰ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME PERIODICALS SPACE NUMBER 1.1.5

ROOM FUNCTION PERIODICAL DISPLAY OCCUPANCY (IBC) ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	Staff Type & Qty. n/a		
Student Type & Qty.	n/a		
Other (Equipment, Furniture or	Periodical display shelving		
Area, etc.)	to suit space		
1. Shelved Collections			
Periodicals - 1	100	100	
		Total area 100 nsf	
	Space for open periodical		
Dimensions (L, W, H)	shelving		
Preferred level above/below grade			
Outdoor space	n/a		
			Proximity (least, moderate,
Adjacency to Other Space	Name	Room Number	greatest)
1	Study	2.2.1	Greatest
2	Circulation	5.1	Moderate
3			
Cabinets/Casework ²¹	Type (refer to footnote)	Material	Size (L, W, H)
	Shelving		Periodical shelving
Doors and Windows	Type, Size and Finish	Material	Note
Door ²²			No enclosure
			Windows associated with study
Window 1	Туре	Material	area
Wall ²³	Туре	Finish	Note
Wall 1			No enclosure
Floor ²⁴	Туре	Carpet tile	
			Existing strcuture is expected to
Ceiling ²⁵	Lay-in	Acoustical	be unsuitable for exposed use
Acoustic Considerations			Adjoins study
Other Requirements			
	:	:	

²¹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

²² e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

²³ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

²⁴ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

²⁵ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Mec	han	ical	1 &	Ρĺ	um	hing
IVICL	Hall	ıva	ı ox	ГΙ	ulli	UIIIE

Piped Services	Heat	Cooling	Unique Requirements, Equipment
	n/a		
Controls			Suitable for printed materials

Ventilation

		Note (e.g. Hazard, Alarm)
Building ventilation		Integrated with surrounding
system		occupied space

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			Floor outlets or end cap outlets
General Receptacles 110v			for housekeeping
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			Align lighting with range aisles,
General			direct/indirect preferred

Data/IT/Security

Communication	Quantity	Location	Туре
Data/LAN Ports			None hard-wired, WiFi coverage
Sound System			PA
Life Safety			Sprinklered
			Alarm integrated with
Alarm			surrounding occupied space
Security			Security camera
			Collection security

Structural

Special Load Requirements		
Floor Loading		Suitable for library loading

Energy/Sustainability Features

Energy		(IgCC, GG or LEED Possibility)
Indoor Environmental Quality		
Other		

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME DISPLAY SPACE NUMBER 1.1.6

ROOM FUNCTION LOBBY DISPLAY AREA OCCUPANCY (IBC) ASSEMBLY A3

OCCUPANCY (IBC)
DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	Public space		
Student Type & Qty.	Public space		
Other (Equipment, Furniture or	Display cases, display		
Area, etc.)	space		
1. Shelved Collections			
Lobby Display Area - 1	<u>200</u>	<u>200</u>	
		Total area 200 nsf	
Dimensions (L, W, H)	Integrated with lobby		
Preferred level above/below grade	Ground floor		
Outdoor space			
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Lobby	9.1	Greatest
2	Circulation	5.1	Moderate
3			
Cabinets/Casework ²⁶	Type (refer to footnote)	Material	Size (L, W, H)
	Display cases		Governed by layout
Doors and Windows	Type, Size and Finish	Material	Note
Door ²⁷			Part of lobby
Door Frame ²⁸	Туре	Material	Aluminum lobby storefront
			Storefront entrance system
Window 1	Туре	Material	associated with the lobby
Wall ²⁹	Туре	Finish	Note
Wall 1			Integrated with lobby finishes
Floor ³⁰	Type	Finish	Note (Loading, access or vibration considerations)
11001	Type	1 1111311	Suitable for lobby
Ceiling ³¹	Type	Finish	Lobby ceiling treatment
	Type	LIIII211	Lobby Celling treatment
Acoustic Considerations			

²⁶ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

²⁷ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

²⁸ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

²⁹ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

³⁰ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

³¹ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Other Deguirements			
Other Requirements			
Mechanical & Plumbing			
Piped Services Heat		Cooling	Unique Requirements, Equipment
n/a			
			Suitable for printed materials,
Controls			NISO standards
Ventilation			
ventuation			Note (e.g. Hazard, Alarm)
Building ventilation			Integrated with surrounding
system			occupied space
, ;		-	
Electrical			
Power	Quantity	Location	Note (e.g. Height, Special Spacing
			Floor outlets or end cap outlets
General Receptacles 110v			for housekeeping
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			Align lighting with range aisles,
General			direct/indirect preferred
Data/IT/Security			
Communication	Quantity	Location	Туре
Data/LAN Ports	Quarterty	Location	None hard-wired, WiFi coverage
Sound System			PA
Life Safety			Sprinklered
-1.0 00.007			Alarm integrated with
Alarm			surrounding occupied space
Security			Security camera
,			Collection security
Structural	1		
Special Load Requirements			
Floor Loading			Suitable for library loading
Energy/Sustainability Features			
Energy			(IgCC, GG or LEED Possibility)
Indoor Environmental Quality			
Other			

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME ARCHIVE SPACE NUMBER 1.2.1

ROOM FUNCTION BCCC ARCHIVE ROOM

OCCUPANCY (IBC) BUSINESS IN OVERALL A3 ASSEMBLY

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	1		
Student Type & Qty.	1		
	Flat files, parallel files, box		
	storage shelving, artifact		
	storage shelving, work		
	table, 4 chairs		Work table usable for
Other (Equipment, Furniture or	Provide locking storage for		scanning/photographic
Area, etc.)	material requiring security		duplication work
1. Archives			
BCCC Archive Room - 1	250	250	
		Total area 250 nsf	
Dimensions (L, W, H)			
Preferred level above/below grade	Basement		
Outdoor space	n/a		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
Adjacency to other space	Archivist office	3.1.5	Greatest
2	Archivist office	3.1.3	Greatest
Cabinets/Casework ³²	Type (refer to footnote)	Material	Size (L, W, H)
	Base and wall cabinets for		
	supplies	Laminate	6' base and wall
Doors and Windows	Type, Size and Finish	Material	Note
Door ³³	3070	Wood	
Door Frame ³⁴	Type	Hollow metal	Closer
Window 1	None		
Wall ³⁵	CMU	Paint	Note
Wall 1	Framed drywall	Paint	
			Note (Loading, access or
Floor ³⁶	Туре	Finish	vibration considerations)

³² e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

³³ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

³⁴ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

³⁵ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

³⁶ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

	Resilient	Modular LVT or vinyl (not VCT)	
Ceiling ³⁷	Туре	Finish	Note
	Lay-in	Acoustical	
Acoustic Considerations			
Other Requirements			

Mechanical & Plumbing

Piped Services		Unique Requirements, Equipment
n/a		

Ventilation

		Note (e.g. Hazard, Alarm)
		Temperature and humidity
Building ventilation		control appropriate for archival
system		materials

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
		1 each wall, located to avoid	
General Receptacles 110v		shelving and files, 2 at cabinets	18" aff, above counter at cabinets
General Quad Receptacles 110v		1	At work table
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
General			Occupancy sensor

Data/IT/Security

Communication	Quantity	Location	Туре
			At cabinets and work table,
Data/LAN Ports	2		duplex
Audio and Visual			
Life Safety			Sprinklers
			Building fire alarm system, smoke
Alarm Type 1			detector
Security			Security camera in hall outside

Structural

Special Load Requirements		
	Floor Loading	

Energy/Sustainability Features

Energy	(IgCC, GG or LEED Possibility)
Indoor Environmental Quality	Moisture control

³⁷ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME STUDY SPACE - SMALL SPACE NUMBER 2.1.1

ROOM FUNCTION GROUP STUDY ROOMS

OCCUPANCY (IBC)
DEPARTMENT

ASSEMBLY A3

AGENCY/FACILITY

BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	0		
Student Type & Qty.:	6 students		
1. Group study Rooms			
Standard Rooms up to 6 persons - 8	250	2,000	
		Total area 2,000 nsf	
Other (Equipment, Furniture or Area, etc.)			Table and six library chairs, not office or castering chairs
Total Room Area NASF	250 ea.		
Dimensions (L, W, H)	14' X 17' x9' min ceiling		
Preferred level above/below grade	Both study floor levels		
Outdoor space	n/a		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Study	2.2.1	Greatest
2	Quiet study	2.2.2	Greatest
3			
Cabinets/Casework ¹	Type (refer to footnote)	Material	Size (L, W, H)
	No fixed casework		
Doors and Windows	Type, Size and Finish	Material	Note
Door ²	3070	Wood	
Door Frame ³		Aluminum or hollow metal	
Window 1	Storefront	Aluminum	Where rooms are located on outside walls, integrated with storefront, with shades where exposure warrants
Window 2	Vision lite	Aluminum or hollow metal	At least 4' x 4' for observation/security, glazed wall preferred, no shades
Wall ⁴	Туре	Finish	Note
Wall 1	Framed drywall	Painted	STC 48+

¹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

² e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

³ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

⁴ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

			Note (Loading, access or
Floor ⁵	Туре	Finish	vibration considerations)
		Modular carpet	
Ceiling ⁶	Туре	Finish	Note
			Existing roof structure is unlikely to be suitable for
	Lay-in	Acoustical	exposed use
Acoustic Considerations			
			STC rated from room to room and to study
Other Requirements			

Mechanical & Plumbing

Piped Services	Heat	Cooling	Unique Requirements, Equipment
n/a			
			Occupied/unoccupied modes and
Controls			sensors

Ventilation

		Note (e.g. Hazard, Alarm)
Building ventilation		
system		Suitable for up to eight occupants

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			Convenience outlets each wall,
	1 or 2 per		quad outlet at display wall, assume that each seat requires an
General Receptacles 110v	wall	18: aff	outlet
USB outlets			Integrated with 110V outlets
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			Occupancy sensors, at least two
General			levels of lighting, daylight sensors

Data/IT/Security

Communication	Quantity	Location	Туре
			Ethernet jack for specialized use,
Data/LAN Ports			WiFi for student use, HDMI
Audio and Visual			
Projection			
Display	1		Presentation screen on one wall
White Board	1		72" x 48"
Life Safety			Sprinklers

⁵ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

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⁶ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Alarm Type 1	Building fire alarm system
Alarm Type 2	Campus alert system
Security	Security camera
Other	Passage door hardware

Structural

Special Load Requirements		
Special Vibration Requirements		
Special Span Requirements		

Energy/Sustainability Features

Energy		Daylighting, solar control
Indoor Environmental Quality		
Other		

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME GROUP STUDY - LARGE SPACE NUMBER 2.1.2

ROOM FUNCTION GROUP STUDY ROOMS

OCCUPANCY (IBC)
DEPARTMENT

ASSEMBLY A3

AGENCY/FACILITY B

BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	0		
Student Type & Qty.:	12 persons		
1. Group study Rooms			
Large Rooms up to 12 persons - 4	400	<u>1,600</u>	
		Total area 1,600 nsf	
Other (Equipment, Furniture or Area, etc.)			Large table and 12 library chairs, not office or castering chairs
Total Room Area NASF	400 ea		
Dimensions (L, W, H)			~18' x 22'
Preferred level above/below grade	Lower level		
Outdoor space	n/a		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Study	2.2.1	Greatest
Cabinets/Casework ⁷	Type (refer to footnote)	Material	Size (L, W, H)
	No fixed casework		
Doors and Windows	Type, Size and Finish	Material	Note
Door ⁸	3070	Wood	
Door Frame ⁹	Туре	Aluminum or hollow metal	
Window 1	Storefront	Aluminum	Where rooms are located on outside walls, integrated with storefront, with shades where exposure warrants
Window 2	Vision lite	Aluminum or hollow metal	At least 4' x 4' for observation/security, glazed wall preferred, no shades
Wall ¹⁰	Туре	Finish	Note
Wall 1	Framed drywall	Painted	STC 48+

⁷ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

⁸ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

⁹ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

¹⁰ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

			Note (Loading, access or
Floor ¹¹	Туре	Finish	vibration considerations)
		Modular carpet	Impact control
Ceiling ¹²	Туре	Finish	Note
	Lay-in	Acoustical	
Acoustic Considerations			
			STC rated from room to room
			and to study
Other Requirements			

Mechanical & Plumbing

Piped Services	Heat	Cooling	Unique Requirements, Equipment
n/a			
			Occupied/unoccupied modes and
Controls			sensors

Ventilation

		Note (e.g. Hazard, Alarm)
Air exchange		Suitable for up to eight occupants

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			Convenience outlets each wall, quad outlet at display wall, assume that each seat requires an
General Receptacles 110v	2 per wall	18: aff	outlet
USB outlets			Integrated with 110V outlets
Lighting	Quantity	Location	Type, Size and Controls (e.g. Motion, Dimmable)
General			Occupancy sensors, at least two levels of lighting, daylight sensors

Data/IT/Security

Communication	Quantity	Location	Туре
			Ethernet jack for specialized use,
Data/LAN Ports			WiFi for student use, HDMI
Audio and Visual			
Projection			
Display	1		Presentation screen on one wall
White Board	1		72" x 48"
Life Safety			
Alarm Type 1			Building fire alarm system
Security			Security camera

¹¹ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

¹² e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Other	Passage door hardware
Structural	
Special Load Requirements	Suitable for library use
Energy/Sustainability Features	,
Energy/Sustainability Features Energy	Daylighting, solar control
Energy/Sustainability Features Energy Indoor Environmental Quality	Daylighting, solar control
Energy	Daylighting, solar control

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME OPEN STUDY SPACE SPACE NUMBER 2.2.1

ROOM FUNCTION OPEN STUDY SPACES FOR GENERAL USE

OCCUPANCY (IBC)
DEPARTMENT

ASSEMBLY A3

AGENCY/FACILITY BALT

BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	0	Total NASI	Comment
	233	@30 of/s severant	
Student Type & Qty.:		@30 sf/occupant	
1. Open Study Space	6000		
2. Informal presentation space	3 x 330	~1000	Flexible presentation areas for groups of up to 20, in two or three locations within the overall study space
			Integrated with informal
Individual study in open areas			presentation space, movable
(dispersed) - 1	7,000	7,000	furniture in those locations
		Total area 7,000 nsf	
Other (Equipment, Furniture or Area, etc.)			
1	Small group tables/chairs		Max 4 persons, with integrated power and USB
2	Study pods		Integrated power and USB
3	Individual study stations		Integrated power and USB
4	Lounge furniture		Access to power and USB
Total Room Area NASF	7000		
Dimensions (L, W, H)			As dictated by layout, distributed on both floors
Preferred level above/below grade	1 and 2		
Outdoor space	Yes		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Outdoor study	2.2.3	Greatest
2	Periodicals	1.1.5	Moderate
	Reference desk and		
3	collection	5.1	Moderate
4	Classrooms	4.1, 4.2	Moderate
	Small and large group		
5	study	2.1.1, 2.1.2	Moderate
6	Quiet study	2.2.2	Moderate
Cabinets/Casework ¹³	Type (refer to footnote)	Material	Size (L, W, H)
	No permanent casework		· · · · ·

¹³ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

Doors and Windows	Type, Size and Finish	Material	Note
			No interior doors, access
Door ¹⁴			controlled by circulation area
			Direct to exterior in storefront
			as required by occupant load,
Other	Egress doors		alarmed
Door Frame ¹⁵	Storefront at exterior	Aluminum	
			Shading as required by
			exposure, interior and exterior
Window 1	Exterior storefront	Aluminum	devices
Wall ¹⁶	Туре	Finish	Note
Wall 1	Framed drywall	Painted	STC 48+
			Divided from public areas,
			double-glazed as required for
Wall 2	Storefront	Aluminum	sound control
			Note (Loading, access or
Floor ¹⁷	Туре	Finish	vibration considerations)
		Modular carpet	
Ceiling ¹⁸	Туре	Finish	Note
			Existing second floor and roof
			structure is unlikely to be
			suitable for exposed finishes.
		Acoustical or exposed	Ceilings as high as possible to
		painted	allow indirect lighting
Acoustic Considerations			
			Wall acoustical treatment to
			control reverberation and
			sound reflection, possible
			active masking allocation for
			privacy. Structure may be
			exposed in new sections with
			acoustical pane or acoustical
			decking
Other Requirements			

¹⁴ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

¹⁵ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

¹⁶ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

¹⁷ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

¹⁸ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Mechanical & Plumbing

Piped Services	Heat	Cooling	Jnique Requirements, Equipment
n/a			
			Occupied/unoccupied modes and
Controls			sensors, zoned by solar exposures

Ventilation

	CO2 sensors, controls zoned by	
Building ventilation	exposure	

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
General Receptacles 110v			At columns and walls with integrated USB power, floor box outlets coordinated with furnishings for connection via plugs or whips
General Quad Receptacles 110v			At informal presentation locations
Lighting	Quantity	Location	Type, Size and Controls (e.g. Motion, Dimmable)
General			Indirect lighting preferred, daylight sensing
Task			Enhanced lighting at informal presentation locations with local control
Accent			At display locations and other points of emphasis
Other			

Data/IT/Security

Communication	Quantity	Location	Туре
			Duplex Ethernet outlets at
			informal presentation areas, WiFi
Data/LAN Ports			coverage throughout
Sound System			PA
Audio and Visual			
			Projection at each informal
Projection			presentation area
			Screen and presentation monitor
			at each informal presentation
Display			space, monitor near entrance
			Podium connection at each
Podium/Lectern			informal display space
White Board			
Life Safety			Sprinklers
Alarm Type 1			Building fire alarm system
Alarm Type 2			Campus alert system
Security			
Video Surveillance			Security camera system

Structural

Special Load Requirements	
Floor Loading	Suitable for library use
Special Vibration Requirements	
Special Span Requirements	

Energy/Sustainability Features

Energy	(IgCC, GG or LEED Possibility)
Indoor Environmental Quality	Daylighting, solar control
Other	

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 10/10/2022

SPACE NAME QUIET STUDY SPACE NUMBER 2.2.2

ROOM FUNCTION QUIET STUDY SPACES OCCUPANCY (IBC) ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	0		
Student Type & Qty.:	100	@30 sf/occupant	
1. Open Study Space		-	
Quiet study space (may be			
dispersed) - 1	3,000	3,000	
		Total area 3,0500 nsf	
Other (Equipment, Furniture or			
Area, etc.)			
1	Small group tables/chairs		Max 2 persons, with integrated power and USB
2	Study pods		Integrated power and USB
3	Individual study stations		Integrated power and USB
4	Lounge furniture		Access to power and USB
Total Room Area NASF	3500		-
			As dictated by layout,
Dimensions (L, W, H)			distributed on both floors
Preferred level above/below grade	2		
Outdoor space	No		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Open study	2.2.1	Moderate
2	Reference	1.1.2	Moderate
	Small and large group		
3	study	2.1.1, 2.1.2	Least
4	Classrooms	4.1, 4.2	Least
5	Cafe	7.1	Least
Cabinets/Casework ¹⁹	Type (refer to footnote)	Material	Size (L, W, H)
	No permanent casework		
Doors and Windows	Type, Size and Finish	Material	Note
Door ²⁰			No interior doors, access controlled by circulation area

¹⁹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

²⁰ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

Other	Egress doors		Direct to exterior in storefront as required by occupant load, alarmed
Door Frame ²¹	Storefront at exterior	Aluminum	
Window 1	Exterior storefront	Aluminum	Shading as required by exposure, interior and exterior devices
Wall ²²	Туре	Finish	Note
Wall 1	Framed drywall	Painted	STC 48+
Wall 2	Storefront	Aluminum	Divided from public areas, double-glazed as required for sound control
			Note (Loading, access or
Floor ²³	Туре	Finish	vibration considerations)
24		Modular carpet	
Ceiling ²⁴	Туре	Finish	Note
		Acoustical or exposed painted	Existing second floor and roof structure is unlikely to be suitable for exposed finishes. Ceilings as high as possible to allow indirect lighting. Structure may be exposed in new sections with acoustical pane or acoustical decking
Acoustic Considerations			
			Wall acoustical treatment to control reverberation and sound reflection, possible active masking allocation for privacy. Structure may be exposed in new sections with acoustical pane or acoustical decking
Other Requirements			

Mechanical & Plumbing

Piped Services	Heat	Cooling	Unique Requirements, Equipment
n/a			
			Occupied/unoccupied modes and
Controls			sensors, zoned by solar exposures

²¹ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

²² e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

²³ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

²⁴ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

				-
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A	ned by
Air exchange exposure	

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			At columns and walls with
			integrated USB power, floor box
			outlets coordinated with
			furnishings for connection via
General Receptacles 110v			plugs or whips
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			Indirect lighting preferred,
General			daylight sensing
			At display locations and other
Accent			points of emphasis
Other			

Data/IT/Security

Communication	Quantity	Location	Туре
Data/LAN Ports			WiFi coverage throughout
Sound System			PA
Audio and Visual			
Display			Monitor near entrance
Life Safety			
Alarm Type 1			Building fire alarm system
Alarm Type 2			Campus alert system
Carbon Monoxide			
Other			
Security			
Video Surveillance			Security camera system
Other			

Structural

Special Load Requirements		
Floor Loading		Suitable for library use
Special Vibration Requirements		
		Impact control
Special Span Requirements		

Energy/Sustainability Features

Energy	Daylighting, solar control
Indoor Environmental Quality	
Other	

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME OUTDOOR STUDY SPACE NUMBER 2.2.3

ROOM FUNCTION OUTDOOR STUDY SPACES

OCCUPANCY (IBC) ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	n/a		
Student Type & Qty.:	~30		
1. Outdoor Study Space			
Outdoor study space(not in totals)-1	1,000	<u>1,000</u>	
		Total area 1,000 nsf	
Other (Equipment, Furniture or			
Area, etc.)			
1	Outdoor tables and seats		
2	Trash containers		
3	Sunshades		
Total Room Area NASF			
Dimensions (L, W, H)	~20' x 50'		
Preferred level above/below grade	At grade		
Outdoor space	Yes		
			Proximity (least, moderate,
Adjacency to Other Space	Name	Room Number	greatest)
1	Lower level study	2.1.1	Greatest
Cabinets/Casework ²⁵	Type (refer to footnote)	Material	Size (L, W, H)
	None		
Doors and Windows	Type, Size and Finish	Material	Note
Door ²⁶		Aluminum	From study
Wall ²⁷	Туре	Finish	Note
Wall 1			Decorative metal fence
Floor ²⁸	Туре	Finish	Note (Loading, access or vibration considerations)
	,,		Concrete or pavers
Ceiling ²⁹	Туре	Finish	Note

²⁵ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

²⁶ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

²⁷ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

²⁸ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

²⁹ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

			Fixed sunshades or awnings in
			lieu of or in addition to
			furniture
Mechanical & Plumbing			
n/a			
·		•	·
Ventilation			
Building ventilation			
system			
Electrical			
Power	Quantity	Location	Note (e.g. Height, Special Spacing
			Weatherproof power and USB
			outlets, above tabletop height
			inter=grated into perimeter or
General Receptacles 110v			pedestals
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			Lighting for evening use, lower
			level than for reading printed
			materials, suitable for device use
General			
	<u> </u>		
Data/IT/Security			
Data/IT/Security Communication	Quantity	Location	Туре
Data/IT/Security Communication Data/LAN Ports	Quantity	Location	WiFi
Data/IT/Security Communication Data/LAN Ports Sound System	Quantity	Location	
Data/IT/Security Communication Data/LAN Ports Sound System Audio and Visual	Quantity	Location	WiFi
Data/IT/Security Communication Data/LAN Ports Sound System Audio and Visual Life Safety	Quantity	Location	WiFi
Data/IT/Security Communication Data/LAN Ports Sound System Audio and Visual Life Safety Security	Quantity	Location	WiFi PA
Data/IT/Security Communication Data/LAN Ports Sound System Audio and Visual Life Safety	Quantity	Location	WiFi
Data/IT/Security Communication Data/LAN Ports Sound System Audio and Visual Life Safety Security Video Surveillance	Quantity	Location	WiFi PA
Data/IT/Security Communication Data/LAN Ports Sound System Audio and Visual Life Safety Security Video Surveillance Structural	Quantity	Location	WiFi PA
Data/IT/Security Communication Data/LAN Ports Sound System Audio and Visual Life Safety Security Video Surveillance	Quantity	Location	WiFi PA
Data/IT/Security Communication Data/LAN Ports Sound System Audio and Visual Life Safety Security Video Surveillance Structural n/a	Quantity	Location	WiFi PA
Data/IT/Security Communication Data/LAN Ports Sound System Audio and Visual Life Safety Security Video Surveillance Structural	Quantity	Location	WiFi PA Security camera
Data/IT/Security Communication Data/LAN Ports Sound System Audio and Visual Life Safety Security Video Surveillance Structural n/a	Quantity	Location	WiFi PA

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME TUTORING SPACE NUMBER 2.3

ROOM FUNCTION TUTORING ROOMS

OCCUPANCY (IBC) ACCESSORY BUSINESS IN ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	1-2		
Student Type & Qty.:	15-20		
1. Tutoring rooms/Center for			
Academic Achievement			
20 persons - 4	500	<u>2,000</u>	
		Total area 2,000 nsf	
Other (Equipment, Furniture or			
Area, etc.)			
	4 study tables for 5-6		
1	people each per room		Integrated charging outlets
2	Shared tutor desk		
3			
Total Room Area NASF	500 each		
Dimensions (L, W, H)	~ 20' x 25'		Possibly paired
Preferred level above/below grade	2		
Outdoor space	No		
			Proximity (least, moderate,
Adjacency to Other Space	Name	Room Number	greatest)
1	Lobby	9.1	Greatest
Cabinets/Casework ³⁰	Type (refer to footnote)	Material	Size (L, W, H)
	No fixed casework		
Doors and Windows	Type, Size and Finish	Material	Note
Door ³¹	3070	Wood	
Door Frame ³²	Туре	Hollow metal	
			Storefront windows where on exterior walls, with interior
			and/or exterior shading where
Window 1	Storefront	Aluminum	dictated by exposures
		Aluminum or hollow	Interior vision glazing, no
Window 2	Storefront	metal	shades
Wall ³³	Туре	Finish	Note
Wall 1	Framed drywall	Paint	STC 48+

³⁰ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

³¹ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

³² e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

³³ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

Floor ³⁴	Туре	Finish	Note (Loading, access or vibration considerations)
			Impact rating for sound
	Resilient	LVT or resil tile, not VCT	transmission
Ceiling ³⁵	Туре	Finish	Note
	Acoustical or open with acoustical decking at new areas		
Acoustic Considerations			
			Wall panels for reverberation and sound suppression, active masking may be useful.
Other Requirements			

Mechanical & Plumbing

	CO2 sensors,
	occupied/unoccupied mode, solar
Controls	exposure zoning

Ventilation

Building ventilation		
system		

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			110V and USB at 18" aff in walls
			around perimeter at ~10', floor
General Receptacles 110v			outlets to serve tutoring tables
General Quad Receptacles 110v			2 quad at presentation wall
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
General			Indirect, daylighting controls

Data/IT/Security

Communication	Quantity	Location	Туре
			Duplex Ethernet at presentation
Data/LAN Ports			wall, WiFi
Sound System			PA
Audio and Visual			
			Short-throw projector to
Projection			whiteboard one wall, HDMI jack
Display			Video monitor, HDMI jack
Podium/Lectern			Podium outlets
			2 4' x 8' whiteboards, one 4' x 4'
White Board			tackboard

³⁴ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

³⁵ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Life Safety	Sprinklers
Alarm Type 1	Building fire alarm
Alarm Type 2	Campus alert
Security	
Video Surveillance	Security camera

Structural

Special Load Requirements	
Special Vibration Requirements	
Special Span Requirements	

Energy/Sustainability Features

Energy	(IgCC, GG or LEED Possibility)
Indoor Environmental Quality	Daylighting, solar control;
Other	

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME OFFICES SPACE NUMBER 3.1.1

ROOM FUNCTION DIRECTORS OFFICE

OCCUPANCY (IBC) ACCESSORY BUSINESS IN ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty:	1 director		
1. Library Offices			
Director's Office - 1	200	200	
		Total area 200 nsf	
Student Type & Qty.	0		
Other (Equipment, Furniture or			
Area, etc.)			
	Desk, extension, credenza,		
	small table, office chair, 2		
1	visitor chairs		
Total Room Area NASF		200	
Dimensions (L, W, H)			
Preferred level above/below grade	1		
Outdoor space	No		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Staff offices	3.1.2, 3.1.3	Greatest
2	Work area	3.1.4	Moderate
Cabinets/Casework ¹	Type (refer to footnote)	Material	Size (L, W, H)
	,,, , , , , , , , , , , , , , , , , , ,		No permanent casework
Doors and Windows	Type, Size and Finish	Material	Note
Door ²	3070	Wood	
Door Frame ³	Туре	Hollow metal	
	/ 1		Provide window if layout
Window 1	Storefront	Aluminum	permits
Wall ⁴	Туре	Finish	Note
Wall 1	Framed drywall	Painted	STC 48+
	•		Note (Loading, access or
Floor ⁵	Туре	Finish	vibration considerations)
	Carpet		

¹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

² e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

³ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

⁴ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

⁵ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

Ceiling ⁶	Lay-in	Acoustical	Note
Acoustic Considerations			
			Sound separation from adjoining rooms
Other Requirements			

Mechanical & Plumbing

Piped Services	Heat	Cooling	Unique Requirements, Equipment
n/a			

Ventilation

Building ventilation	
system	

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			Convenience outl18" aff in each
General Receptacles 110v			wall at 18" aff
General Quad Receptacles 110v			Quad at desk location
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			General lighting, occupancy
General			sensor

Data/IT/Security

Communication	Quantity	Location	Туре
			Quad Ethernet at desk location for PC, printer, phone, other
Data/LAN Ports			devices
Sound System			PA
Audio and Visual			
White Board			4' x 4'
Life Safety			Sprinklers
Alarm Type 1			Building fire alarm
Alarm Type 2			Campus alert, panic switch
Security			
Other			Locking office

Structural		
n/a		
n/a	1	

⁶ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Energy/Sustainability Features

Energy		(IgCC, GG or LEED Possibility)
Indoor Environmental Quality		
Other		

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME LIBRARIAN OFFICES SPACE NUMBER 3.1.2

ROOM FUNCTION LIBRARIANS OFFICES

OCCUPANCY (IBC) ACCESSORY BUSINESS IN ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty:	1 librarian		
1. Library Offices			
Librarians - 4	125	500	
		Total area 500 nsf	
Student Type & Qty.			
Other (Equipment, Furniture or	Desk, extension, credenza,		
Area, etc.)	office chair, 2 visitor chairs		
1	Offices		
Total Room Area NASF	125		
Dimensions (L, W, H)			
Preferred level above/below grade	1 and 2		
Outdoor space	No		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Office	3.1.1, 3.1.2, 3.1.3	Greatest
2	Work	3.1.4	Moderate
3			
Cabinets/Casework ⁷	Type (refer to footnote)	Material	Size (L, W, H)
Doors and Windows	Type, Size and Finish	Material	Note
Door ⁸	3070	Wood	
Door Frame ⁹	Туре	Hollow metal	
Window 1	Storefront	Aluminum	Provide window if layout permits
Wall ¹⁰	Туре	Finish	Note
Wall 1	Framed drywall	Painted	CTS 48+
Floor ¹¹	Туре	Finish	Note (Loading, access or vibration considerations)
	Carpet		,

⁷ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

⁸ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

⁹ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

¹⁰ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

¹¹ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

Ceiling ¹²	Туре	Finish	Note
	Lay-in	Acoustical	
Acoustic Considerations			
			Sound separation from
			adjoining rooms
Other Requirements			

Mechanical & Plumbing

Piped Services	Heat	Cooling	Unique Requirements, Equipment
Fixtures	Fixtures	Fixtures	Fixtures
Controls			

Ventilation

Building ventilation						
system						

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			Convenience outl18" aff in wallets
General Receptacles 110v			each wall at 18" aff
General Quad Receptacles 110v			Quad at desk location
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			General lighting, occupancy
General			sensor

Data/IT/Security

Communication	Quantity	Location	Туре
			Quad Ethernet at desk location
			for PC, printer, phone, other
Data/LAN Ports			devices
Sound System			PA
Audio and Visual			
White Board			4' x 4'
Life Safety			Sprinklers
Alarm Type 1			Building fire alarm
Alarm Type 2			Campus alert
Security			
Other			Locking office

Structural		
n/a		

¹² e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Energy/Sustainability Features

Energy	(IgCC, GG or LEED Possibility)
Indoor Environmental Quality	

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME STAFF OFFICES SPACE NUMBER 3.1.3

ROOM FUNCTION SHARED STAFF OFFICES

OCCUPANCY (IBC) ACCESSORY BUSINESS IN ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty:	2 librarians		
1. Library Offices			
Shared Staff Office - 1	200	200	
		Total area 200 nsf	
Student Type & Qty.			
Other (Equipment, Furniture or	2 desks, extensions, 2		
Area, etc.)	office chairs, visitor chair		
Total Room Area NASF		200	
Dimensions (L, W, H)			
Preferred level above/below grade	1 and 2		
Outdoor space	No		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Offices	3.1.1, 3.1.2, 3.1.3	Greatest
2	Work	3.1.4	Moderate
3			
Cabinets/Casework ¹³	Type (refer to footnote)	Material	Size (L, W, H)
Doors and Windows	Type, Size and Finish	Material	Note
Door ¹⁴	3070	Wood	
Door Frame ¹⁵	Type	Hollow metal	
			Provide window if layout
Window 1	Storefront	Aluminum	permits
Wall ¹⁶	Type	Finish	Note
Wall 1	Framed drywall	Painted	STC 48+
Floor ¹⁷	Туре	Finish	Note (Loading, access or vibration considerations)
	Carpet		,
Ceiling ¹⁸	Туре	Finish	Note

¹³ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

¹⁴ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

¹⁵ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

¹⁶ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

¹⁷ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

¹⁸ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Lay-	·in	Acoustical	
Acoustic Considerations			
			Sound separation from
			adjoining rooms
Other Requirements			
Mechanical & Plumbing			:
n/a			
Manathatian			
Ventilation			
Building ventilation			
system			
Electrical			
Power	Quantity	Location	Note (e.g. Height, Special Spacing
			Convenience outl18" aff in wallet
General Receptacles 110	V		each wall at 18" aff
General Quad Receptacles 110	V		Quad at desk locations
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			General lighting, occupancy
Genera	al		sensor
Data/IT/Security	1		
Communication	Quantity	Location	Туре
			Quad Ethernet at desk location
			for PC, printer, phone, other
Data/LAN Port	:s		devices
Sound Syster	n		PA

~ .					
~ 1	-	•	•	м	ral

Life Safety

Security

Audio and Visual

Special Load Requirements	
Special Vibration Requirements	
Special Span Requirements	

4' x 4'

Sprinklers

Locking office

Building fire alarm

Campus alert, panic switch

Energy/Sustainability Features

White Board

Alarm Type 1 Alarm Type 2

Other

Energy	(IgCC, GG or LEED Possibility)
Indoor Environmental Quality	

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME WORK ROOM SPACE NUMBER 3.1.4

ROOM FUNCTION STAFF WORK ROOM

OCCUPANCY (IBC) ACCESSORY BUSINESS IN ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty:	4-5 librarians		
1. Library Offices			
Staff Work Room - 1	500	500	
		Total area 500 nsf	
Student Type & Qty.	0		
	Large work table, small		
Other (Equipment, Furniture or	table, book carts, metal		
Area, etc.)	book shelving		
Total Room Area NASF		400	
Dimensions (L, W, H)			
Preferred level above/below grade	1		
Outdoor space	No		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Receiving	6.1	Greatest
2	Offices	3.1.1, 3.1.2, 3.1.3	Moderate
Cabinets/Casework ¹⁹	Type (refer to footnote)	Material	Size (L, W, H)
	Base and wall cabinets length of at least one wall, sized for workspace, supply storage	Laminate	
Doors and Windows	Type, size and Finish	Material	
Door ²⁰	4270	Wood	Armored against carts
Door Frame ²¹	Туре	Hollow metal	-
Window 1	Storefront	Aluminum	Shades for privacy if window provided
Wall ²²	Туре	Finish	Note
Wall 1	Framed drywall	Painted	
Floor ²³	Туре	Finish	Note (Loading, access or vibration considerations)

¹⁹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

²⁰ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

²¹ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

²² e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

²³ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

	Resilient	Resilient modular, not VCT	
Ceiling ²⁴	Туре	Finish	Note
	Lay-in	Acoustical	
Acoustic Considerations			

Mechanical & Plumbing

Double-bowl sink		
Double-bowl sink		

Ventilation

Building ventilation		
system		

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
General Receptacles 110v			Convenience outlets at 10, 18" aff on on-cabinet walls, coordinate with shelving,
General Quad Receptacles 110v			Convenience outlets at countertops at 48" o.c., quads
General Receptacles 120v, 15A			Copier outlet
Lighting	Quantity	Location	Type, Size and Controls (e.g. Motion, Dimmable)
General			General, occupancy sensor, daylight control if window present

Data/IT/Security

Communication	Quantity	Location	Туре
Data/LAN Ports			Duplex data ports at each wall at 18" aff, data outlets at countertop at 72" o.c.
Sound System			PA
Audio and Visual			
Life Safety			Sprinklers
Alarm Type 1			Building fire alarm
Alarm Type 2			Campus alert, panic switch
Security			
Card Reader			Card reader

Structural

	:	1	
1		<u> </u>	
n/a		I and the second se	
11/ G	:	<u>:</u>	:
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Energy/Sustainability Features

Energy		(IgCC, GG or LEED Possibility)
Indoor Environmental Quality		
Other		

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²⁴ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME ARCHIVIST OFFICE SPACE NUMBER 3.1.5

ROOM FUNCTION ARCHIVIST OFFICE

OCCUPANCY (IBC) ACCESSORY BUSINESS IN ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty:	1		
1. Library Offices			
Archivist - 1	180	<u>180</u>	
		Total area 180 nsf	
Student Type & Qty.	1		
	Desk, extension, credenza,		
Other (Equipment, Furniture or	small table, office chair, 1		
Area, etc.)	visitor chair		
Total Room Area NASF			
Dimensions (L, W, H)			
Preferred level above/below grade	Basement		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Archive	1.2.1	Greatest
Cabinets/Casework ²⁵	Type (refer to footnote)	Material	Size (L, W, H)
			No fixed casework
Doors and Windows	Type, Size and Finish	Material	Note
Door ²⁶	3070	Wood	
Door Frame ²⁷	Туре	Hollow metal	
Wall ²⁸	Туре	Finish	Note
Wall 1	Framed drywall	Painted	STC 48+
Floor ²⁹	Туре	Finish	Note (Loading, access or vibration considerations)
	Carpet		
Ceiling ³⁰	Туре	Finish	Note
	Lay-in	Acoustical	
Acoustic Considerations			

²⁵ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

²⁶ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

²⁷ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

²⁸ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

²⁹ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

³⁰ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

			Sound separation from
			adjoining rooms
Other Requirements			
Mechanical & Plumbing			
n/a			
Ventilation			
Building ventilation			
			<u> </u>
Electrical			
Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			Convenience outl18" aff in wallets
General Receptacles 110v			each wall at 18" aff
General Quad Receptacles 110v			Quad at desk location
·			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			General lighting, occupancy
General			sensor
Data/IT/Security			
Communication	Quantity	Location	Туре
			Quad Ethernet at desk location
			for PC, printer, phone, other
Data/LAN Ports			devices
Sound System			PA
Audio and Visual			
White Board			4' x 4'
Life Safety			Sprinklers
Alarm Type 1			Building fire alarm
Alarm Type 2			Campus alert, panic switch
Security			
Other			Locking office
Structural			
Special Load Requirements			
Special Vibration Requirements			
Special Span Requirements			
- 10			
Energy/Sustainability Features	1		4
Energy Indoor Environmental Quality			(IgCC, GG or LEED Possibility)

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME STAFF LOUNGE SPACE NUMBER 3.1.6

ROOM FUNCTION STAFF LOUNGE

OCCUPANCY (IBC) ACCESSORY BUSINESS IN ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty:	1		
1. Library Offices			
Staff 4-5	200	<u>200</u>	
		Total area 200 nsf	
Student Type & Qty.	1		
	Table and four of five		
	chairs, 2 lounge chairs,		
Other (Equipment, Furniture or	refrigerator, sink,		
Area, etc.)	microwave		
Total Room Area NASF			
Dimensions (L, W, H)			
Preferred level above/below grade	1 or 2		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Staff offices, work	3.1.2, 3.1.3, 3.1.4	Moderate
Cabinets/Casework ³¹	Type (refer to footnote)	Material	Size (L, W, H)
			No fixed casework
Doors and Windows	Type, Size and Finish	Material	Note
Door ³²	3070	Wood	
Door Frame ³³	Туре	Hollow metal	
Wall ³⁴	Туре	Finish	Note
Wall 1	Framed drywall	Painted	STC 48+
Floor ³⁵	Туре	Finish	Note (Loading, access or vibration considerations)
	Carpet		
Ceiling ³⁶	Туре	Finish	Note
	Lay-in	Acoustical	
Acoustic Considerations			

³¹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

³² e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

³³ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

³⁴ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

³⁵ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

³⁶ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

		-	
			Sound separation from
			adjoining rooms
Other Requirements			
Mechanical & Plumbing			
Sink			
Ventilation			
Building ventilation			
Electrical			
Power	Quantity	Location	Note (e.g. Height, Special Spacing
	•		Convenience outl18" aff in wallets
General Receptacles 110v			each wall at 18" aff
General Quad Receptacles 110v			Quad at counter
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			General lighting, occupancy
General			sensor
Data/IT/Security			
Communication	Quantity	Location	Type
Data/LAN Ports			WiFi
Sound System			PA
Audio and Visual			
White Board			4' x 4'
Life Safety			Sprinklers
Alarm Type 1			Building fire alarm

Structural

Security

Special Load Requirements		
Special Vibration Requirements		
Special Span Requirements		

Energy/Sustainability Features

Alarm Type 2

Other

Energy		(IgCC, GG or LEED Possibility)
Indoor Environmental Quality		

DBFP No. 1021203

Campus alert

Locking office

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME E-LEARNING OFFICES SPACE NUMBER 3.2.1

ROOM FUNCTION E-LEARNING OFFICES

OCCUPANCY (IBC) ACCESSORY BUSINESS IN ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty:	1 staff		
1. Other Services			
E-learning office - 3	125	375	
			Optional, TB+D at time of
		Total area 375 nsf	design
Student Type & Qty.	1		
	Desk, extension, credenza,		
Other (Equipment, Furniture or	small table, office chair, 2		
Area, etc.)	visitor chairs		
Total Room Area NASF	150		
Dimensions (L, W, H)			
Preferred level above/below grade	No preference		
Outdoor space	No		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Offices	3.1.2, 3.1.3	Moderate
Cabinets/Casework ³⁷	Type (refer to footnote)	Material	Size (L, W, H)
•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Doors and Windows	Type, Size and Finish	Material	Note
Door ³⁸	3070	Wood	
Door Frame ³⁹	Туре	Hollow metal	
Window 1	Storefront	Aluminum	Provide window if layout
Wall ⁴⁰	Type	Finish	permits Note
Wall 1	Framed drywall	Painted	STC 48+
Wall 1	Frameu urywan	raiiiteu	
Floor ⁴¹	Туре	Finish	Note (Loading, access or vibration considerations)
	Carpet		
Ceiling ⁴²	Lay-in	Acoustical	Note

³⁷ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

³⁸ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

³⁹ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

⁴⁰ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

⁴¹ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

Lay-in		Acoustical	
Acoustic Considerations			
			Sound separation from
			adjoining rooms
Mechanical & Plumbing			
n/a			
Ventilation			
Building ventilation			
Floatwicel			
Electrical	Ouantity	Location	Note /o.g. Height Special Special
Power	Quantity	LUCATION	Note (e.g. Height, Special Spacing Convenience outl18" aff in each
General Receptacles 110v			wall at 18" aff
General Quad Receptacles 110v			Quad at desk location
General Quad Neceptacies 110V			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
	•		General lighting, occupancy
General			sensor
Data/IT/Security			
Communication	Quantity	Location	Туре
	•		Quad Ethernet at desk location
			for PC, printer, phone, other
Data/LAN Ports			devices
Sound System			PA
Audio and Visual			
White Board			4' x 4'
Life Safety			Sprinklers
Alarm Type 1			Building fire alarm
Alarm Type 2			Campus alert
Security			
Other			Locking office
Structural			
Special Load Requirements			
Special Vibration Requirements			
Special Span Requirements			
Energy/Sustainability Features			
Energy/Sustainability Features Energy			(IgCC, GG or LEED Possibility)

⁴² e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME TUTORING OFFICES SPACE NUMBER 3.2.2

ROOM FUNCTION TUTORING OFFICES

OCCUPANCY (IBC) ACCESSORY BUSINESS IN ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty:	1 staff, 1 or 2 students		
1. Other Services			
Tutoring office - 2	125	250	
		Total area 250 nsf	
Student Type & Qty.			
Other (Equipment, Furniture or Area, etc.)	Desk, extension, small table, office chair, 2 visitor chairs		
Total Room Area NASF		125	
Dimensions (L, W, H)			
Preferred level above/below grade	2		
Outdoor space	No		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Tutoring	4.3	Greatest
Cabinets/Casework ⁴³	Type (refer to footnote)	Material	Size (L, W, H)
			No permanent casework
Doors and Windows	Type, Size and Finish	Material	Note
Door ⁴⁴	3070	Wood	
Door Frame ⁴⁵	Туре	Hollow metal	
Window 1	Storefront	Aluminum	Provide window if layout permits
Wall ⁴⁶	Туре	Finish	Note
Wall 1	Framed drywall	Painted	STC 48+
Floor ⁴⁷	Туре	Finish	Note (Loading, access or vibration considerations)
	Carpet		Impact control
Ceiling ⁴⁸	Lay-in	Acoustical	Note
	Lay-in	Acoustical	

⁴³ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

⁴⁴ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

⁴⁵ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

⁴⁶ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

⁴⁷ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

⁴⁸ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Acoustic Considerations			
			Sound separation from
			adjoining rooms
Other Requirements			
Mechanical & Plumbing			
n/a			
Ventilation			
Building ventilation			
system			
Electrical			
Power	Quantity	Location	Note (e.g. Height, Special Spacing
			Convenience outl18" aff in each
General Receptacles 110v			wall at 18" aff
General Quad Receptacles 110v			Quad at desk location
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			General lighting, occupancy
General			sensor
Data/IT/Security			
Communication	Quantity	Location	Туре
			Quad Ethernet at desk location
			for PC, printer, phone, other
Data/LAN Ports			devices
Sound System			PA
Audio and Visual			
White Board			4' x 4'

Structural

Life Safety

Security

n/a

Energy/Sustainability Features

Alarm Type 1

Alarm Type 2

Other

Energy		(IgCC, GG or LEED Possibility)
Indoor Environmental Quality		
Other		

DBFP No. 1021203

Sprinklers

Locking office

Building fire alarm

Campus alert, panic switch

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME WRITING OFFICE SPACE NUMBER 3.2.3

ROOM FUNCTION WRITING OFFICE

OCCUPANCY (IBC) ACCESSORY BUSINESS IN ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty:	1 writing instructor		
1. Other Services			
Writing office - 1	125	125	
		Total area 125 nsf	
Student Type & Qty.	1or 2 students		
	Desk, extensions, small		
Other (Equipment, Furniture or	table, office chair, 2 visitor		
Area, etc.)	chairs		
Total Room Area NASF		150	
Dimensions (L, W, H)			
Preferred level above/below grade	2		
			Proximity (least, moderate,
Adjacency to Other Space	Name	Room Number	greatest)
1	Offices	3.2, 3.3, 3.2.2	Moderate
2	Tutoring	4.3	Moderate
Cabinets/Casework ⁴⁹	Type (refer to footnote)	Material	Size (L, W, H)
			No permanent casework
Doors and Windows	Type, Size and Finish	Material	Note
Door ⁵⁰	3070	Wood	
Door Frame ⁵¹	Туре	Hollow metal	
			Provide window if layout
Window 1	Storefront	Aluminum	permits
Wall ⁵²	Туре	Finish	Note
Wall 1	Framed drywall	Painted	STC 48+
			Note (Loading, access or
Floor ⁵³	Туре	Finish	vibration considerations)
	Carpet		
Ceiling ⁵⁴	Туре	Finish	Note
	Lay-in	Acoustical	

⁴⁹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

⁵⁰ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

⁵¹ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

⁵² e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

⁵³ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

⁵⁴ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Acoustic Considerations			
			Sound separation from adjoining rooms
Other Requirements			
Mechanical & Plumbing			
n/a			
Ventilation			
Building ventilation			
system			
Electrical			
Power	Quantity	Location	Note (e.g. Height, Special Spacing
			Convenience outl18" aff in each
General Receptacles 110v			wall at 18" aff
General Quad Receptacles 110v			Quad at desk location
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			General lighting, occupancy
General			sensor
Data little and the			
Data/IT/Security		1	
Communication	Quantity	Location	Type
			Quad Ethernet at desk location
Data /I ANI Borts			for PC, printer, phone, other devices
Data/LAN Ports Sound System			PA
Audio and Visual			FA
White Board			4' x 4'
Willie Board			
Life Safety			Sprinklers
Alarm Type 1			Building fire alarm
Alarm Type 2			Campus alert, panic switch
Security			
Other			Locking office
-	1	· ·	; U
Structural			
n/a			
•	:		i
Energy/Sustainability Features			
Energy			(IgCC, GG or LEED Possibility)
01			(1000) 00 31 EEED 1 0001011(4)
Indoor Environmental Quality			

DBFP No. 1021203

Other

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME IT OFFICES SPACE NUMBER 3.2.4

ROOM FUNCTION OCCUPANCY (IBC) DEPARTMENT

IT OFFICE

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty:	1 IT tech		
2. Other Services			
IT office - 1	125	<u>125</u>	
		Total area 125 nsf	
	Desk, extensions, small		
Other (Equipment, Furniture or	table, office chair, 2 visitor		
Area, etc.)	chairs		
Total Room Area NASF		125	
Dimensions (L, W, H)			
Preferred level above/below grade	No preference		
			Proximity (least, moderate,
Adjacency to Other Space	Name	Room Number	greatest)
1	Offices	3.2, 3.3	Moderate
Cabinets/Casework ⁵⁵	Type (refer to footnote)	Material	Size (L, W, H)
Doors and Windows	Type, Size and Finish	Material	Note
Door ⁵⁶	3070	Wood	
Door Frame ⁵⁷	Туре	Hollow metal	
Window 1	Storefront	Aluminum	Provide window if layout permits
Wall ⁵⁸	Type	Finish	Note
Wall 1	Framed drywall	Painted	STC 48+
vvan 1			Note (Loading, access or
Floor ⁵⁹	Туре	Finish	vibration considerations)
	Carpet		,
Ceiling ⁶⁰	Туре	Finish	Note
0	Lay-in	Acoustical	
Acoustic Considerations			
	i e e e e e e e e e e e e e e e e e e e	<u>I</u>	

⁵⁵ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

⁵⁶ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

⁵⁷ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

⁵⁸ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

⁵⁹ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

⁶⁰ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

			1
			Sound separation from adjoining rooms
Other Requirements			
Mechanical & Plumbing			
n/a			
Ventilation			
Building ventilation system			
Electrical			
Power	Quantity	Location	Note (e.g. Height, Special Spacing)
General Receptacles 110v			Convenience outl18" aff in each wall at 18" aff
General Quad Receptacles 110v			Quad at desk location
Lighting	Quantity	Location	Type, Size and Controls (e.g. Motion, Dimmable)
General			General lighting, occupancy sensor
Data/IT/Security			
Communication	Quantity	Location	Туре
Data/LAN Ports	-		Quad Ethernet at desk location for PC, printer, phone, other devices, WiFi
Sound System			PA
Audio and Visual			
White Board			4' x 4'
Life Safety			Sprinklers
Alarm Type 1			Building fire alarm
Alarm Type 2			Campus alert, panic switch
Security Other			Locking office
Other			Locking office

Structural

n/a

Energy/Sustainability Features

Energy		(IgCC, GG or LEED Possibility)
Indoor Environmental Quality		
Other		

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 10/10/2022

SPACE NAME MEDIA PRODUCTION SPACE NUMBER 3.2.5

ROOM FUNCTION OCCUPANCY (IBC) DEPARTMENT **MEDIA PRODUCTION STUDIO**

AGENCY/FACILITY LOCATION

BALTIMORE CITY COMMUNITY COLLEGE

LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
	None specifically assigned,		Production space for
Staff Type & Qty:	2-3 students		presentations
3. Other Services			
Media production	500	<u>500</u>	
		Total area 500 nsf	
	Portable worktops for		
	laptops, camera and sound		Ability to set up green screen
	recording equipment,		backgrounds, extensive
Other (Equipment, Furniture or	chairs, accommodation for		connectivity with flexibility for
Area, etc.)	sets and backdrops		data transmission and display
Total Room Area NASF		500	
Dimensions (L, W, H)			
Preferred level above/below grade	No preference		
			Proximity (least, moderate,
Adjacency to Other Space	Name	Room Number	greatest)
			Moderate, capable of
1	Study space, circulation	2.1.2, 5.1 or 5.2	monitoring by staff when in use
Cabinets/Casework ⁶¹	Type (refer to footnote)	Material	Size (L, W, H)
	Lockable storage cabinets		
	for media equipment		
Doors and Windows	Type, Size and Finish	Material	Note
Door ⁶²	3070	Wood	
Door Frame ⁶³	Туре	Hollow metal	
Wall ⁶⁴	Туре	Finish	Note
Wall 1	Framed drywall	Painted	STC 52+
			Note (Loading, access or
Floor ⁶⁵	Туре	Finish	vibration considerations)
	LVT		

⁶¹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

⁶² e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

⁶³ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

⁶⁴ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

⁶⁵ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

Ceiling ⁶⁶	Туре	Finish	Note
	Lay-in	Acoustical	
Acoustic Considerations			
Emphasis on sound transmission			Sound separation from
and reverberation control			adjoining rooms
Other Requirements			

Mechanical & Plumbing

Ventilation

Building ventilation		
system	Attention to acoustical quieting	

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
General Receptacles 110v			Quads each wall
General Quad Receptacles 110v			Each wall, 6' o.c.
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			General lighting, occupancy
General			sensor
			Pipe grid for adjustable ceiling and
Media production			wall-mounted studio lighting

Data/IT/Security

Communication	Quantity	Location	Туре
Data/LAN Ports			Quad Ethernet near door, duplex each wall, WiFi
Sound System			PA
Audio and Visual			
White Board			4' x 8'
Monitors			Wall-mounted near door, provision for portable monitors and display equipment
Life Safety			Sprinklers
Alarm Type 1			Building fire alarm
Alarm Type 2			Campus alert
Security			

Structural

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n/2			
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Energy/Sustainability Features

Energy		(IgCC, GG or LEED Possibility)

⁶⁶ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Indoor Environmental Quality		
Other		

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME CLASSROOM - LARGE SPACE NUMBER 4.1

ROOM FUNCTION LARGE INSTRUCTIONAL SPACE

OCCUPANCY (IBC) ACCESSORY BUSINESS IN ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	1		
Student Type & Qty.:	40	@25 sf/student	
1. Classrooms			
Large Instructional Space - 1	1,000	1,000	
Total Room Area NASF		1,000 nsf	
Other (Equipment, Furniture or			
Area, etc.)			
1	Tables for laptops or PCs		Integrated power and data
2	~40 chairs		
3	Instructor desk		
Total Room Area NASF	1000		
Dimensions (L, W, H)	~32' x 32'		
Preferred level above/below grade	1		
Outdoor space	No		
			Proximity (least, moderate,
Adjacency to Other Space	Name	Room Number	greatest)
1	Study	2.2.1	Greatest
2	Lobby	9.1	Moderate
3	Small classroom	4.2	Greatest
Cabinets/Casework ¹	Type (refer to footnote)	Material	Size (L, W, H)
	36" W tall lockable cabinet	Laminate	
Doors and Windows	Type, Size and Finish	Material	Note
Door ²	3070	Wood	2 doors, verify occupant load
		Aluminum or hollow	
Door Frame ³	Storefront	metal	
		Aluminum or hollow	Vision glazing from outside into
Window 1	Storefront	metal	room
			Exterior storefront system,
			exterior or interior shading
Window 2	Storefront	Aluminum	according to exposure
Wall ⁴	Туре	Finish	Note
Wall 1	Framed drywall	Painted	STC 48+

¹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

² e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

³ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

⁴ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

	Wall 2		
			Note (Loading, access or
Floor ⁵	Type	Finish	vibration considerations)
	Resilient	LVT or resilient (not VCT)	
Ceiling ⁶	Туре	Finish	Note
	Acoustical		
Acoustic Considerations			
			Sound control between
			classrooms, reverberation
			control
Other Requirements			

Mechanical & Plumbing

Piped Services	Heat	Cooling	Unique Requirements, Equipment
No plumbing			
Controls			
			CO2, room occupancy, zoned by
			exposure

Ventilation

Building ventilation		
system		

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			110V at room perimeter, 10' o.c.,
			floor power connections for
General Receptacles 110v			student computer tables
General Quad Receptacles 110v			2 quads at presentation wall
Other			
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			Indirect, daylighting controls,
General			dimmable, zoned
Other			

Data/IT/Security

Communication	Quantity	Location	Type
			Hard-wired Ethernet ports for tables, 2 duplex at teaching wall, 1
Data/LAN Ports			printer outlet, WiFi
Sound System			PA
Audio and Visual			

⁵ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

⁶ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Projection	Smartboard with short-throw projector
Display	On whiteboard
Assisted Listening Devices	
Other	
Podium/Lectern	Podium outlets
White Board	2 4' x 8' whiteboards in addition to smartboard
Life Safety	Sprinklers
Alarm Type 1	Building fire alarm
Alarm Type 2	Campus alert
Security	
Video Surveillance	Security camera

Structural

Special Load Requirements		
Special Vibration Requirements		
Special Span Requirements		

Energy/Sustainability Features

Energy	Solar control
Indoor Environmental Quality	Daylighting
Other	

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2020

SPACE NAME CLASSROOM - SMALL SPACE NUMBER 4.2

ROOM FUNCTION SMALL INSTRUCTIONAL SPACE

OCCUPANCY (IBC) ACCESSORY BUSINESS IN ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	1		
Student Type & Qty.:	10-15	@20-30 sf	
1. Classrooms			
Small Instructional Space - 1	300	<u>300</u>	
Total Room Area NASF		300 nsf	
Other (Equipment, Furniture or			
Area, etc.)			
1	Tables for laptops or PCs		Integrated power and data
2	~15 chairs		
3			
Total Room Area NASF			
Dimensions (L, W, H)	~17′ x 17′		
Preferred level above/below grade	1		
Outdoor space	No		
			Proximity (least, moderate,
Adjacency to Other Space	Name	Room Number	greatest)
1	Study	2.2.1	Greatest
2	Lobby	5.1	Moderate
3	Large Classroom	4.2	Greatest
Cabinets/Casework ⁷	Type (refer to footnote)	Material	Size (L, W, H)
	36" W tall lockable cabinet	Laminate	
Doors and Windows	Type, Size and Finish	Material	Note
Door ⁸	3070	Wood	
Door Frame ⁹	Storefront	Material	
		Aluminum or hollow	Vision glazing from outside into
Window 1	Storefront	metal	room
			Exterior storefront system,
			exterior or interior shading
Window 2	Storefront	Aluminum	according to exposure
Wall ¹⁰	Туре	Finish	Note
Wall 1	Framed drywall	Painted	STC 48+

⁷ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

⁸ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

⁹ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

¹⁰ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

\	Wall 2		
			Note (Loading, access or
Floor ¹¹	Type	Finish	vibration considerations)
	Resilient	LVT or resilient (not VCT)	
Ceiling ¹²	Туре	Finish	Note
	Acoustical		
Acoustic Considerations			
			Sound control between
			classrooms, reverberation
			control
Other Requirements			

Mechanical & Plumbing

Piped Services	Heat	Cooling	Unique Requirements, Equipment
No plumbing			
Controls			
			CO2, room occupancy, zoned by
			exposure

Ventilation

Puilding ventilation		
Building ventilation		
system		
3,300111		

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
General Receptacles 110v			110V at room perimeter, 10' o.c., floor power connections for student computer tables
General Quad Receptacles 110v			1 quad at presentation wall
Other			
Lighting	Quantity	Location	Type, Size and Controls (e.g. Motion, Dimmable)
General			Indirect, daylighting controls, dimmable, zoned
Other			

Data/IT/Security

Communication	Quantity	Location	Type
			Hard-wired Ethernet ports for
			tables, 1 duplex at teaching wall, 1
Data/LAN Ports			printer outlet, WiFi
Sound System			PA

¹¹ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

¹² e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Audio and Visual	
	Smartboard with short-throw
Projection	projector
Display	On whiteboard
Assisted Listening Devices	
Other	
Podium/Lectern	No
White Board	1-2 4' x 8' whiteboards in addition to smartboard
Life Safety	Sprinklers
Alarm Type 1	Building fire alarm
Alarm Type 2	Campus alert
Security	
Video Surveillance	Security camera

Structural

n/a

Energy/Sustainability Features

Energy		(IgCC, GG or LEED Possibility)
Indoor Environmental Quality		
Other		

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS 1 10/10/2022

SPACE NAME CIRCULATION/INFORMATION SPACE NUMBER

ROOM FUNCTION CIRCULATION DESK, INFORMATION DESK, REFERENCE DESK

OCCUPANCY (IBC) ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.:	4-5		
1. Circulation/Information			
Circulation Desk - 1	500	500	
Reference Desk - 1	120	120	
Information Desk - 1	100	100	
Total Room Area NASF		720 nsf	
Student Type & Qty.			
Other (Equipment, Furniture or Area, etc.)	Fixed casework		Fixed casework with sections or independent layouts in the same general area for each function
1			Space for PCs and monitors, printers, supplies and reference material, space for security monitor
2			Computer locker for checked- out devices w/ charging
3			Charging station
Total Room Area NASF		720	
Dimensions (L, W, H)			
Preferred level above/below grade	1		
Outdoor space	No		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Study		Greatest
2	Reference		Greatest for reference desk
3	Lobby		Greatest
Cabinets/Casework ¹	Type (refer to footnote)	Material	Size (L, W, H)
	Wood and laminate casework for staff and point of contact		
Doors and Windows	Type, Size and Finish	Material	Note
Door ²	None		Gates for access control, gates at casework

¹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

DBFP No. 1021203

5.1

² e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

Access Door			
Door Frame ³	Туре	Material	
Window 1	Storefront	Aluminum	Storefront partition for sound control
Wall ⁴	Туре	Finish	Note
Wall 1	Framed drywall	Painted or paneled	
Floor ⁵	Type Resilient or tiled	Finish	Note (Loading, access or vibration considerations)
Ceiling ⁶	Type	Finish	Note
	Open to structure and/or acoustical		
Acoustic Considerations			
			Sound control at active areas
Other Requirements			

Mechanical & Plumbing

- /-		
n/a		
11/ 4	i i	

Ventilation

Building ventilation		
system		

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			Convenience receptacles built into
			casework for PCs, printers,
General Receptacles 110v			devices and personal use
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
General			General lighting
Task			Task lighting at workstations
			Accent lighting for a high-profile
Accent			area

Data/IT/Security

Communication	Quantity	Location	Туре
			Ethernet ports t each workstation
Data/LAN Port	S		and at printers
Sound Systen	n		PA, control location
Audio and Visual			
Displa	у		Wall monitor for announcements

³ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

DBFP No. 1021203

Baltimore City Community College Learning Commons | Bard Library Renovations Facility Program Part II – FINAL 9/07/21 Revised 12/09/22

⁴ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

⁵ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

⁶ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Life Safety	
Alarm Type 1	Building fire alarm
Alarm Type 2	Campus alert, panic switch
Security	
	Security camera, location for
Video Surveillance	security monitor station
Special	Campus emergency kiosk
Other	

Structural

_		
n/a		
n/a	i i	

Energy/Sustainability Features

Energy	(IgCC, GG or LEED Possibility)
Indoor Environmental Quality	
Other	

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME CIRCULATION/INFORMATION SPACE NUMBER 5.2

ROOM FUNCTION REFERENCE DESK - UPSTAIRS

OCCUPANCY (IBC) ASSEMBLY A3
DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.:	1		
1. Circulation/Information			
Reference Desk - 1	100	100	
Total Room Area NASF		100 nsf	
Student Type & Qty.			
Other (Equipment, Furniture or			
Area, etc.)			
1			
2			
3			
Total Room Area NASF		200	
Dimensions (L, W, H)	~10' x 10'		
Preferred level above/below grade	2		
Outdoor space	No		
			Proximity (least, moderate,
Adjacency to Other Space	Name	Room Number	greatest)
1	Study		Greatest
2	Quiet study		Greatest
3			
Cabinets/Casework ⁷	Type (refer to footnote)	Material	Size (L, W, H)
	Fixed desk, U-shaped or		Sixed for one person and a
	engaged to a wall	Wood and laminate	PC/monitor
Doors and Windows	Type, Size and Finish	Material	Note
Door ⁸	None		
			Note (Loading, access or
Floor ⁹	Туре	Finish	vibration considerations)
	Resilinet	LVT or non-VCT resilient	
Ceiling ¹⁰	Туре	Finish	Note
	Open structure or lay-in		
Acoustic Considerations			
			Sound control to study areas

⁷ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

⁸ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

⁹ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

¹⁰ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Other Requirements		

Mechanical & Plumbing

Piped Services	Heat	Cooling	Unique Requirements, Equipment
Fixtures	Fixtures	Fixtures	Fixtures
Controls			

Ventilation

Exhaust	Individual or Central Exhaust	Exhaust Filtration (e.g. HEPA)	Note (e.g. Hazard, Alarm)
Supply			

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			Convenience outlets in casework
General Receptacles 110v			for PC, monitor, printer
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
General			
			Task and accent ligting for focal
Task			point
Accent			

Data/IT/Security

Communication	Quantity	Location	Туре
			Ethernet ports for PC, printer.
Data/LAN Ports			WiFi in area
Sound System			PA
Audio and Visual			
Display			Monitor for announcements
Life Safety			
Alarm Type 1			Building fire alarm
Alarm Type 2			Campus alert, panic switch
Other			Campus security kiosk
Security			
Video Surveillance			Security camera

Structural

Special Load Requirements	
Special Vibration Requirements	
Special Span Requirements	

Energy/Sustainability Features

Energy		(IgCC, GG or LEED Possibility)
Indoor Environmental Quality		

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2020

SPACE NAME CIRCULATION/INFORMATION SPACE NUMBER 5.3

ROOM FUNCTION OCCUPANCY (IBC) DEPARTMENT

GENERAL ASSISTANCE DESK

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
	1 general information		
Staff Type & Qty.:	person		
1. Circulation/Information			
General Assistance Desk - 1	100	100	
Total Room Area NASF		100 nsf	
Student Type & Qty.	0		
	Fixed desk and office chair,		
Other (Equipment, Furniture or	space for a computer,		
Area, etc.)	monitor and printer		
Dimensions (L, W, H)			
Preferred level above/below grade	Ground floor		
Outdoor space			
			Proximity (least, moderate,
Adjacency to Other Space	Name	Room Number	greatest)
1	Lobby	9.1	Greatest
2	Circulation	5.1	Greatest
3			
Cabinets/Casework ¹¹	Type (refer to footnote)	Material	Size (L, W, H)
	Built-in desk, may be		
	integrated with circulation		
Doors and Windows	Type, Size and Finish	Material	Note
Door ¹²	None		
Wall ¹³	Туре	Finish	Note
Wall 1	No walls		
_			Note (Loading, access or
Floor ¹⁴	Туре	Finish	vibration considerations)
	Match lobby/circulation		
Ceiling ¹⁵	Туре	Finish	Note
	Match lobby/circulation		
Acoustic Considerations			

¹¹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

¹² e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

¹³ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

¹⁴ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

¹⁵ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Facility and Space Program Data Likely location for extensive conversation, orient to avoid sound transmission to adjoining work areas and quiet areas **Mechanical & Plumbing** Cooling **Piped Services** Unique Requirements, Equipment Heat n/a Controls Part of lobby/circulation Ventilation Part of lobby/circulation **Electrical** Power Quantity Location Note (e.g. Height, Special Spacing) Outlets for convenience, General Receptacles 110v computer and printer Type, Size and Controls (e.g. Motion, Dimmable) Lighting Quantity Location General and task lighting, accent lighting to emphasize general information role General Data/IT/Security Communication Quantity Location Type Ethernet for computer and printer, WiFi Data/LAN Ports Sound System PA Audio and Visual Display Information screen in vicinity Life Safety Alarm Type 1 Building fire alarm Alarm Type 2 Campus alert, panic switch Security Video Surveillance Security camera

Structural

Special Load Requirements		
n/a		

Energy/Sustainability Features

Energy	(IgCC, GG or LEED Possibility)
n/a	
Indoor Environmental Quality	

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME COPY SPACE NUMBER 6.1

ROOM FUNCTION COPIER/PRINTER/FAX AREA

OCCUPANCY (IBC)
DEPARTMENT

ASSEMBLY A3

AGENCY/FACILITY

BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	0		
Student Type & Qty.	variable		
Other (Equipment, Furniture or			
Area, etc.)	Copiers, printers, fax		
1. Library Support			
Space/Processing			
Copiers - 2b/w, 1 color, 1 fax - 4	50	200	
Total Room Area NASF		200 nsf	
Dimensions (L, W, H)			
Preferred level above/below grade	1		
Outdoor space	No		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Circulation		Greatest
2	Lobby		Greatest
3	20001		Greatest
Cabinets/Casework ¹	Type (refer to footnote)	Material	Size (L, W, H)
	Casework for two WEPA		
	printers, one fax machine,		
	with lockable storage for		Top heights should be
	supplies, ~10' base		coordinated with equipment
	cabinets.		for ADA
Doors and Windows	Type, Size and Finish	Material	Note
Door ²			
Window 1	Glazed partition	Aluminum	For sound control, no door
Wall ³	Туре	Finish	Note
Wall 1	Framed drywall	Paint	
Floor ⁴	Туре	Finish	Note (Loading, access or vibration considerations)
	Resilient	LVT or resilient, not VCT	Impact control
Ceiling ⁵	Туре	Finish	Note

¹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

² e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

³ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

⁴ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

	Lay-in	Acoustical	
Acoustic Considerations			
			Control sound from
			reequipment
Other Requirements			

Mechanical & Plumbing

11/4		

Ventilation

Exhaust	Individual or Central Exhaust	Exhaust Filtration (e.g. HEPA)	Note (e.g. Hazard, Alarm)
			LEED copier emissions should be
			taken into account
Supply			

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
General Receptacles 110v			Convenience outlets for cleaning
Receptacle 208v, 1ph, 20A			
Emergency Power Receptacle208v, 3ph,			
20A			Or as required for copiers
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
General			

Data/IT/Security

Communication	Quantity	Location	Туре
Data/LAN Ports			WiFi, printer outlets
Audio and Visual			
Life Safety			Sprinklers
Alarm Type 1			Building fire alarm system
Security			

Structural

0.0.000.000.000		
/-		
n/a		

Energy/Sustainability Features

Energy			(IgCC, GG or LEED Possibility)
Indoor Environmental Quality			
			Copier IAQ
Other			

⁵ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME RECEIVING SPACE NUMBER 6.2

ROOM FUNCTION RECEIVING AREA

OCCUPANCY (IBC) ACCESSORY BUSINESS IN ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	~2 library staff		
Student Type & Qty.	0		
Other (Equipment, Furniture or			
Area, etc.)	Metal shelving, work table		
1. Library Support			
Space/Processing			
Receiving Area - 1	400	<u>400</u>	
Total Room Area NASF		400 nsf	
Dimensions (L, W, H)			
Preferred level above/below grade			
Outdoor space			
			Proximity (least, moderate,
Adjacency to Other Space	Name	Room Number	greatest)
1	Exterior	-	Greatest
2	Work	3.1.4	Moderate
3	Café prep	7.3	Moderate
Cabinets/Casework ⁶	Type (refer to footnote)	Material	Size (L, W, H)
n/a			
Doors and Windows	Type, Size and Finish	Material	Note
Door ⁷	Pair 3070	Hollow metal	
Door Frame ⁸	Туре	Hollow metal	Peephole
Wall ⁹	Туре	Finish	Note
	CMU or framed high-		
Wall 1	impact drywall	Painted	
			Note (Loading, access or
Floor ¹⁰	Туре	Finish	vibration considerations)
	Concrete	Sealed or resin	
Ceiling ¹¹	Туре	Finish	Note
	Lay-in or no ceiling		

⁶ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

⁷ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

⁸ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

⁹ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

¹⁰ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

¹¹ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Acoustic Considerations				
				STC 48+ walls
Mechanical & Plumbing	g			
Piped Services Hea	at		Cooling	Unique Requirements, Equipment
n/a				
Controls				
Ventilation				
Ventuation				As required with consideration fo
				exterior exposure
Planting				
Electrical		0	1 1	Note to a state of the state of
Power		Quantity	Location	Note (e.g. Height, Special Spacing
General R	Receptacles 110v			Convenience outlets at 18" aff, coordinated with shelving
				Type, Size and Controls (e.g.
Lighting		Quantity	Location	Motion, Dimmable)
	General			Occupancy sensor
Data /IT/Conveits				
Data/IT/Security		Quantity	Location	Typo
Data/IT/Security Communication	Data/I AN Ports	Quantity	Location	Type Wisi dupley data port
	Data/LAN Ports	Quantity	Location	WiFi, duplex data port
Communication	Data/LAN Ports Sound System	Quantity	Location	
Communication Audio and Visual		Quantity	Location	WiFi, duplex data port PA
Communication	Sound System	Quantity	Location	WiFi, duplex data port PA Sprinklers
Communication Audio and Visual	Sound System Alarm Type 1	Quantity	Location	WiFi, duplex data port PA Sprinklers Building fire alarm
Communication Audio and Visual Life Safety	Sound System	Quantity	Location	WiFi, duplex data port PA Sprinklers
Communication Audio and Visual	Sound System Alarm Type 1 Alarm Type 2	Quantity	Location	WiFi, duplex data port PA Sprinklers Building fire alarm Smoke detector
Audio and Visual Life Safety Security	Alarm Type 1 Alarm Type 2 Card Reader	Quantity	Location	WiFi, duplex data port PA Sprinklers Building fire alarm Smoke detector Exterior door and interior
Audio and Visual Life Safety Security	Sound System Alarm Type 1 Alarm Type 2	Quantity	Location	WiFi, duplex data port PA Sprinklers Building fire alarm Smoke detector
Audio and Visual Life Safety Security Vio	Alarm Type 1 Alarm Type 2 Card Reader	Quantity	Location	WiFi, duplex data port PA Sprinklers Building fire alarm Smoke detector Exterior door and interior
Audio and Visual Life Safety Security Vio	Alarm Type 1 Alarm Type 2 Card Reader deo Surveillance	Quantity	Location	WiFi, duplex data port PA Sprinklers Building fire alarm Smoke detector Exterior door and interior
Audio and Visual Life Safety Security	Alarm Type 1 Alarm Type 2 Card Reader	Quantity	Location	WiFi, duplex data port PA Sprinklers Building fire alarm Smoke detector Exterior door and interior
Audio and Visual Life Safety Security Violating Structural Special Load Requirements	Alarm Type 1 Alarm Type 2 Card Reader deo Surveillance	Quantity	Location	WiFi, duplex data port PA Sprinklers Building fire alarm Smoke detector Exterior door and interior
Audio and Visual Life Safety Security Vio	Alarm Type 1 Alarm Type 2 Card Reader deo Surveillance	Quantity	Location	WiFi, duplex data port PA Sprinklers Building fire alarm Smoke detector Exterior door and interior

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NUMBER SPACE NAME 7.1

ROOM FUNCTION CAFÉ/COFFEE SHOP, DINING SPACE AND OUTDOOR DINING

OCCUPANCY (IBC)

ASSEMBLY A3 DEPARTMENT

AGENCY/FACILITY **BALTIMORE CITY COMMUNITY COLLEGE**

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Occupation)	NACE	Total NACE	Community
Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	3-4		
Student Type & Qty.	~80	@ ~20 sf/occupant	Capacity and density may be adjusted according to social distancing guidelines in effect at the time of design
Other (Equipment, Furniture or			
Area, etc.)			
1. Food Service - A			
Dining Space - 1	1,750	1,750	
Checkout area - 2	100 (included above)		
Total Room Area NASF		1,750 nsf	
Dimensions (L, W, H)	~40' x 40'	-	
Preferred level above/below grade	1		
Outdoor space	Yes		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Outdoor dining	7.5	Greatest
2	Lobby	9.1	Greatest
3	Toilets	8.4	Moderate
4	Service line	7.2	Greatest
Cabinets/Casework ¹	Type (refer to footnote)	Material	Size (L, W, H)
	Trash/recycling center	Laminate	Sized for service and occupancy, with trays
Doors and Windows	Type, Size and Finish	Material	Note
Daw ²	Do::: 2070	Aluminum	Interior doors optional depending on layout, provide a vestibule or baffle at exterior terrace door to control wind,
Door ²	Pair 3070	Aluminum	auto operator may be needed
Door Frame ³	Storefront	Aluminum	
Window 1	Storefront	Aluminum	Exterior windows with exterior or interior shading as appropriate for exposure
Window 2	Storefront	Aluminum	Interior storefront
VVIII GOVV Z	Storenone	,	micerior storemone

¹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

² e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

³ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

Wall ⁴	Framed drywall	Tile wainscot, paint	Acoustical panels high
		***************************************	Note (Loading, access or
Floor ⁵	Type	Finish	vibration considerations)
	Ceramic tile	***************************************	Suitable for food service use
Ceiling ⁶	Туре	Finish	Note
			With acoustical decking and/or
	Open structure	Painted	acoustical panels
Acoustic Considerations		***************************************	
			High-noise area which will
			require detailed acoustical
			treatment
Other Requirements			

Mechanical & Plumbing

Domestic Water	Cold water, bottle filler	
		CO2 sensors, zoned by exposure,
Controls		unoccupied mode.

Ventilation

Exhaust	Individual or Central Exhaust	Exhaust Filtration (e.g. HEPA)	Note (e.g. Hazard, Alarm)
Building ventilation			
system			Separate zone from other areas

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			Outlet hubs with USB for student
			device charging, can be integrated
General Receptacles 110v			with furnishing
			2 quads at informal presentation
General Quad Receptacles 110v			space
Other			
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
			Indirect, dimmable, daylight
General			sensors, zoned
Task			Lighting at checkout line
			Accent lighting at points of
Accent			emphasis
Other			

Data/IT/Security

Communication	Quantity	Location	Type
			Duplex Ethernet port at informal
Data/LAN Ports			presentation area

⁴ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

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⁵ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

⁶ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Sound System	PA, local sound system
Audio and Visual	
	Projection screen and projector
Projection	with HDMI
Display	(e.g. monitor, screen, etc.)
Other	
Podium/Lectern	Podium location
White Board	
Life Safety	Sprinklers
Alarm Type 1	Building fire alarm
Alarm Type 2	Campus alert
Security	
Video Surveillance	Security cameras
Structural	
Special Load Requirements	Assembly use

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME SERVICE LINE SPACE NUMBER 7.2

ROOM FUNCTION CAFÉ/COFFEE SHOP, SERVICE LINE

OCCUPANCY (IBC)

ASSEMBLY A3

DEPARTMENT AGENCY/FACILITY

BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	3		
Student Type & Qty.	0		
Other (Equipment, Furniture or	Order/display/checkout		
Area, etc.)	counter		
1. Food Service - A			
Café/Coffee Shop, Service line - 1	200	<u>200</u>	
Total Room Area NASF		200 nsf	
Dimensions (L, W, H)	~10' x 20'		
Preferred level above/below grade	1		
Outdoor space	No		
			Proximity (least, moderate,
Adjacency to Other Space	Name	Room Number	greatest)
1	Dining	7.1	Greatest
2	Prep	7.3	Greatest
3			
Cabinets/Casework ⁷	Type (refer to footnote)	Material	Size (L, W, H)
			Order, display, beverage service
	Service line	Laminate, quartz	and point of sale positions
Doors and Windows	Type, Size and Finish	Material	Note
Door ⁸	None		
Wall ⁹	Type	Finish	Note
		Tile wainscot and painted	
Wall 1	Framed drywall	above	Coordinated with dining
Wall 2			
			Note (Loading, access or
Floor ¹⁰	Type	Finish	vibration considerations)
	Tile		
Ceiling ¹¹	Туре	Finish	Note

⁷ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

⁸ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

⁹ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

¹⁰ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

¹¹ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

	Open structure	Same as dining space, unless dropped at servicing, where ceiling would be food service grade acoustical
Acoustic Considerations		
Other Requirements		

Mechanical & Plumbing

Piped Services	Unique Requirements, Equipment
Hand sink	Coffee service equipment
	Undercounter refrigeration and
Floor drains	storage
Equipment drains	Back counter prep and storage
	Refrigerated display
	Limited deli service
	Reach-in refrigeration for cold
	beverages
	Ice bin
	Sandwich warmer/toaster, confirm
	that no hood is required
Controls	

Ventilation

Exhaust	Individual or Central Exhaust	Exhaust Filtration (e.g. HEPA)	Note (e.g. Hazard, Alarm)
			Equipment shall be selected to
Local exhaust			avoid a requirement for a hood

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
General Receptacles 110v			GFI convenience outlets
General Quad Receptacles 110v			Equipment receptacles
Special Receptacle 208v, 1ph, 20A			Equipment connections
Lighting	Quantity	Location	Type, Size and Controls (e.g. Motion, Dimmable)
General			General lighting
Task			POS area lighting
Accent			Accent lighting at and in service counter
Other			

Data/IT/Security

Communication	Quantity	Location	Туре
Data/LAN Ports			POS data ports
Audio and Visual			
Display			Video menu boards
White Board			Specials board
Life Safety			

Alarm Type 1	Building fire alarm
Security	
Video Surveillance	Security camera, panic switch
Structural	
Special Load Requirements	
Special Vibration Requirements	
Special Span Requirements	
Energy/Sustainability Features	
n/a	

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME PREP AREA SPACE NUMBER 7.3

ROOM FUNCTION CAFÉ/COFFEE SHOP, PREP AND CLEAN-UP AREA

OCCUPANCY (IBC)
DEPARTMENT

ASSEMBLY A3

AGENCY/FACILITY

BALTIMORE CITY COMMUNITY COLLEGE

LIBERTY HEIGHTS CAMPUS

LOCATION PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	2		
Student Type & Qty.	0		
Other (Equipment, Furniture or	Metal prep tables, clean-		
Area, etc.)	up table, trash		
1. Food Service - A			
Prep	300	<u>300</u>	
Total Room Area NASF		300 nsf	
Dimensions (L, W, H)	~12′ x 25′		
Preferred level above/below grade	1		
Outdoor space	No		
			Proximity (least, moderate,
Adjacency to Other Space	Name	Room Number	greatest)
1	Service	7.2	Greatest
2	Dining	7.1	Moderate
3	Receiving	6.2	Moderate
4	Dry storage	7.4	Greatest
Cabinets/Casework ¹²	Type (refer to footnote)	Material	Size (L, W, H)
			Movable equipment and
			shelving
Doors and Windows	Type, Size and Finish	Material	Note
Door ¹³	3070	FRP	Swinging door
Wall ¹⁴	Туре	Finish	Note
Wall 1	Framed drywall	FRP	
Wall 2			
			Note (Loading, access or
Floor ¹⁵	Туре	Finish	vibration considerations)
	Resinous		
Ceiling ¹⁶	Туре	Finish	Note
	Acoustical	Food service type	
Acoustic Considerations			

¹² e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

¹³ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

¹⁴ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

¹⁵ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

¹⁶ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Other Requirements				
Mechanical & Plum	bing			
Piped Services	8			Unique Requirements, Equipment
				Stainless work tables with under
Hand sink				and overshelving
Floor drains				Ice machine
3-compartment sink				
w/ dirty wares table,				
drainboard				Reach-in refrigerators
				Shelving for ready service food and
Ice machine drain				wares
Under-sink grease				
trap				Trash bins
Mop cabinet in				
clean-up zone				No cooking line on book
Controls				No cooking line or hood
Controls				
Ventilation				
Exhaust	Individual or Central	Exhaust	Exhaust Filtration (e.g. HEPA)	Note (e.g. Hazard, Alarm)
Local exhaust				No hood
Electrical				1
Power		Quantity	Location	Note (e.g. Height, Special Spacing)
C	D 440			GFI convenience outlets at table
	ral Receptacles 110v cial Receptacle 208v			height Equipment connections
Spe	ciai Receptacie 200v			Type, Size and Controls (e.g.
Lighting		Quantity	Location	Motion, Dimmable)
Ligitting	General	Quantity	Location	General lighting
	General		1	General lighting
Data/IT/Security				
Communication		Quantity	Location	Туре
	Data/LAN Ports	,		POS data ports
Life Safety	·			Sprinklers
	Alarm Type 1			Building fire alarm
Security				
	Video Surveillance			Security camera
Structural				
n/a				
пуч				
Energy/Sustainabili	ty Features			-
Energy				(IgCC, GG or LEED Possibility)
Indoor Environmental C	Quality			
Other				

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME DRY STORAGE SPACE NUMBER 7.4

ROOM FUNCTION CAFÉ/COFFEE SHOP, DRY STORAGE **ASSEMBLY A3**

OCCUPANCY (IBC)

DEPARTMENT

AGENCY/FACILITY **BALTIMORE CITY COMMUNITY COLLEGE**

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	0		
Student Type & Qty.	0		
Other (Equipment, Furniture or Area, etc.)	Wire shelving		
1. Food Service - A			
Dry storage	150	<u>150</u>	
Total Room Area NASF		150 nsf	
Dimensions (L, W, H)	~10′ x 15′		
Preferred level above/below grade	1		
Outdoor space	No		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Prep		Greatest
2	Receiving		Moderate
Cabinets/Casework ¹⁷	Type (refer to footnote)	Material	Size (L, W, H)
			Movable shelving
Doors and Windows	Type, Size and Finish	Material	Note
Door ¹⁸	3070	Hollow metal	HM frame
Wall ¹⁹	Туре	Finish	Note
Wall 1	Framed drywall	FRP	
Floor ²⁰	Туре	Finish	Note (Loading, access or vibration considerations)
	Resinous		-
Ceiling ²¹	Туре	Finish	Note
	Acoustical	Food service type	
Acoustic Considerations			
Other Requirements			

¹⁷ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

¹⁸ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

¹⁹ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

²⁰ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

²¹ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

n/a			Unique Requirements, Equipment
Ventilation			
n/a			Unique Requirements, Equipment
Electrical			
Power	Quantity	Location	Note (e.g. Height, Special Spacing
General Receptacles 110v			One convenience outlet
Lighting	Quantity	Location	Type, Size and Controls (e.g. Motion, Dimmable)
General			General lighting
Data/IT/Security			
Communication	Quantity	Location	Туре
Life Safety			Sprinklers
Alarm Type 1			
Structural			
n/a			
	,	•	·
Energy/Sustainability Features			
n/a			

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME OUTDOOR DINING SPACE NUMBER 7.5

ROOM FUNCTION CAFÉ/COFFEE SHOP, OUTDOOR DINING

OCCUPANCY (IBC) ASSEMBLY A3
DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.	0		
Student Type & Qty.	50	@20 sf/occupant	Capacity and density may be adjusted according to social distancing guidelines in effect at the time of design
Other (Equipment, Furniture or	30	@20 31/ Occupant	at the time of design
Area, etc.)	Metal tables and chairs		
1. Food Service - A	Wictar tables and chairs		
Dining terrace	1000	1000	
Total Room Area NASF		1000 nsf	
Dimensions (L, W, H)	~20' x 50'		
Preferred level above/below grade	1		
Outdoor space	Yes		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Dining		Greatest
2	Service		Moderate
Cabinets/Casework ²²	Type (refer to footnote)	Material	Size (L, W, H)
n/a			
Doors and Windows	Type, Size and Finish	Material	Note
Door ²³			Egress gate
Wall ²⁴	Туре	Finish	Note
Wall 1	Metal railing		
Floor ²⁵	Туре	Finish	Note (Loading, access or vibration considerations)
	Concrete or pavers		
Ceiling ²⁶	Туре	Finish	Note
	Sunshade		Fixed awning or sunshade
Acoustic Considerations			

²² e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

²³ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

²⁴ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

²⁵ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

²⁶ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Other Requirements			
Mechanical & Plumbing			
n/a			
Ventilation			
n/a			Unique Requirements, Equipment
Electrical	<u> </u>		
Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			Weatherproof 110V and USB at
General Receptacles 110v			perimeter
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
General			Security and dining area lighting
Date /IT/Conveits			
Data/IT/Security Communication	Quantity	Location	Туре
Data/LAN Ports	Quantity	Location	WiFi
Audio and Visual			VVIII
Life Safety			
Alarm Type 1			
Security			
Video Surveillance			Security camera
		•	· ·
Structural			
n/a			
			·
Energy/Sustainability Features			
n/o			

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME IT CLOSET SPACE NUMBER 8.1

ROOM FUNCTION IT/IDF

OCCUPANCY (IBC) ACCESSORY BUSINESS IN ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.:	0		
1. Facility Support			
IT/IDF - 1	150	150	
Total Room Area NASF		150 nsf	
	Sized to suit racks and		
Dimensions (L, W, H)	equipment		
Preferred level above/below grade			
Outdoor space	No		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Circulation		,
Cabinets/Casework ¹	Type (refer to footnote)	Material	Size (L, W, H)
Doors and Windows	Type, Size and Finish	Material	Note
Wall ²	Туре	Finish	Note
Wall 1	Framed drywall	Painted	
Floor ³	Туре	Finish	Note (Loading, access or vibration considerations)
0 11: 4	Resilient or concrete		
Ceiling ⁴	Type	Finish	Note
	Open for IT cabling		
Acoustic Considerations			
			STC 48+ walls
Other Requirements			

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	Split system/supplemental, should
	be on emergency power

¹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

² e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

³ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

⁴ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

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Conditioning		
		Split system or dedicated unit for
		IT system cooling

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			Convenience outlets each wall at 18" aff, power supplies for equipment not on emergency
General Receptacles 110v			power
			Emergency power for critical IT
Emergency Power Receptacles 110v			components
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
General			On emergency

Data/IT/Security

Communication	Quantity	Location	Туре
Data/LAN Ports			Suitable for IT distribution frame
			Fiber to campus hub and local
Fiber			nodes
Audio and Visual			
Life Safety			Sprinklers
Alarm Type 1			Building fire alarm
Alarm Type 2			Smoke detector
Security			
Card Reader			Card reader
Video Surveillance			Security camera

Structural

,				
n/a				
11/ α	:	<u> </u>		

Energy/Sustainability Features

Energy	(IgCC, GG or LEED Possibility)
Indoor Environmental Quality	
Other	

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME FACILITY STORAGE SPACE NUMBER 8.2

ROOM FUNCTION FACILITIES WORKSPACE AND STORAGE OCCUPANCY (IBC) **DEPARTMENT**

ACCESSORY STORAGE IN ASSEMBLY A3

AGENCY/FACILITY

BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty. :	1		
1. Facility Support			
Facilities Work Space - 1	350	<u>350</u>	
Total Room Area NASF		350 nsf	
Dimensions (L, W, H)			
Preferred level above/below grade	Basement		
Outdoor space	No		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Storage		
2			
3			
Cabinets/Casework ⁵	Type (refer to footnote)	Material	Size (L, W, H)
	Movable cabinets and shelving		
Doors and Windows	Type, Size and Finish	Material	Note
Door ⁶	Pair 3070	Hollow metal	
Door Frame ⁷	Туре	Hollow metal	
Wall ⁸	Туре	Finish	Note
Wall 1	CMU	Painted	
Floor ⁹	Туре	Finish	Note (Loading, access or vibration considerations)
2 111 10	Resinous		
Ceiling ¹⁰	Type	Finish	Note
	Lay-in	Acoustical	
Acoustic Considerations			
Other Requirements			

⁵ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

⁶ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

⁷ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

⁸ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

⁹ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

¹⁰ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Mechanical & Plumbing

11/a		

Ventilation

Exhaust	Individual or Central Exhaust	Exhaust Filtration (e.g. HEPA)	Note (e.g. Hazard, Alarm)
	Dedicated exhaust		
Supply			

Electrical

Power	Quantity	Location	Note (e.g. Height, Special Spacing)
			At desk location, one each wall
General Receptacles 110v			unobstructed by shelving
General Quad Receptacles 110v			At work area
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
General			

Data/IT/Security

Communication	Quantity	Location	Туре
Data/LAN Ports			At desk location
Audio and Visual			
Life Safety			Sprinklers
			Building fire alarm, smoke
Alarm Type 1			detector
Alarm Type 2			Campus alert
Security			
Card Reader			Card reader

Structural

	:	:
n/a		
11/d		i e e e e e e e e e e e e e e e e e e e
11/ 4		

Energy/Sustainability Features

Energy		(IgCC, GG or LEED Possibility)
Indoor Environmental Quality		
Other		

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PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME STORAGE SPACE NUMBER 8.3

ROOM FUNCTION GENERAL STORAGE

OCCUPANCY (IBC) ACCESSORY STORAGE IN ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty. :			
1. Facility Support			
Facilities Storage - 1	150	150	
Total Room Area NASF		150 nsf	
Dimensions (L, W, H)			
Preferred level above/below grade			
Outdoor space			
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Facility storage	8.2	Moderate
Cabinets/Casework ¹¹	Type (refer to footnote)	Material	Size (L, W, H)
	None		
Doors and Windows	Type, Size and Finish	Material	Note
Door ¹²	Pair 3070	Hollow metal	
Door Frame ¹³	Туре	нм	
Wall ¹⁴	Туре	Finish	Note
Wall 1	СМИ	Painted	
Floor ¹⁵	Туре	Finish	Note (Loading, access or vibration considerations)
	Concrete	Sealed or resin	
Ceiling ¹⁶	Туре	Finish	Note
	No ceiling		
Acoustic Considerations			
n/a			
Other Requirements			

¹¹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

¹² e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

¹³ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

¹⁴ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

¹⁵ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

¹⁶ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Mechanical & Plumbing

Piped Services	Heat	Cooling	Unique Requirements, Equipment
	n/a		
Fixtures	Fixtures	Fixtures	Fixtures
	n/a		
Controls			
n/a			

Ventilation

	Humidity and temperature
	control

Electrical

Power		Quantity	Location	Note (e.g. Height, Special Spacing)
(General Receptacles 110v			One 110v convenience receptacle
				Type, Size and Controls (e.g.
Lighting		Quantity	Location	Motion, Dimmable)
	General			

Data/IT/Security

Communication	Quantity	Location	Туре
n/a			
Audio and Visual			
n/a			
Life Safety			Sprinklers
Alarm Type 1			Fire alarm
Alarm Type 2			Smoke detector
Security			
n/a			

Structural

Special Load Requirements		
Floor Loading		Storage loading

Energy/Sustainability Features

		<u> </u>	
Energy	(IgCC, GG or LEED Possibility)		ity)

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME TOILETS SPACE NUMBER 8.4

ROOM FUNCTION TOILETS
OCCUPANCY (IBC) ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty. :	0		
1. Facility Support			
Toilets	Part of gross area		
Total Room Area NASF		As required by IPC sizing/occupancy	Multi-stall toilets by gender, as sized by plumbing code, with one non-gendered single-user public toilet on floors 1 and 2, and single staff toilets on floors 1 and 2
Dimensions (L, W, H)			
Preferred level above/below grade	Each level		
Outdoor space	No		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Circulation	9.1	Greatest
2	Custodial closet	8.6	Greatest
Cabinets/Casework ¹⁷	Type (refer to footnote)	Material	Size (L, W, H)
	Vanity in multi-stall toilets	Solid surface	As required by plumbing code
	Changing tables in ground floor toilets, including single-occupant room		
Doors and Windows	Type, Size and Finish	Material	Note
Door ¹⁸	3070	Wood	
Door Frame ¹⁹	Туре	Hollow metal	
Wall ²⁰	Туре	Finish	Note
Wall 1	Framed drywall or CMU	Tile	
Floor ²¹	Type	Finish	Note (Loading, access or vibration considerations)
	Tile or resin		

¹⁷ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

¹⁸ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

¹⁹ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

²⁰ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

²¹ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

Ceiling ²²	Туре	Finish	Note
	Hard ceiling	Painted	Locking access doors as required
Acoustic Considerations			
			Sound control on piping (cast iron preferred) and STC 48+ to adjacent occupied spaces
Other Requirements			

Paper towel or hand dryer

according to most recent guidance, , large mirrors. In multi-stall toilets with more than 3 stalls, one stall shall be alternate handicapped stall 36" wide with grab bars. All multi-stall toilets with one regular handicapped stall. All single toilets accessible.

Mechanical & Plumbing

Piped Services	Heat	Cooling	Unique Requirements, Equipment
Fixtures	Fixtures	Fixtures	Fixtures
	Water closets and urinals		
Lavatory in vanity	according to IPC and occupancy	Floor drain with primer	
Controls			
			Touchless controls

Ventilation

Exhaust	Individual or Central Exhaust	Exhaust Filtration (e.g. HEPA)	Note (e.g. Hazard, Alarm)
Bathroom Exhaust			
Supply			

Electrical

Power		Quantity	Location	Note (e.g. Height, Special Spacing)
				Convenience outlet for cleaning,
				18" aff, no outlets at sinks except
	General Receptacles 110v			in staff toilets, with GFCI
				Type, Size and Controls (e.g.
Lighting		Quantity	Location	Motion, Dimmable)
	General			Occupancy sensor

Data/IT/Security

2444,11,0004110,			
Communication	Quantity	Location	Wifi
Life Safety			
Alarm Type 1			Building fire alarm
Alarm Type 2			Smoke detector
Security			
Other			Staff toilets keyed

Structural

	1	
n/2		
11/4	:	
, -		

Energy/Sustainability Features						
			Low water use fixtures			

²² e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME ELECTRICAL CLOSET SPACE NUMBER 8.5

ROOM FUNCTION ELECTRICAL CLOSET OCCUPANCY (IBC) ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty. :	0		
1. Facility Support			
Electrical closet	From gross area	As required	
Total Room Area NASF			
Dimensions (L, W, H)		As required by equipment	
Preferred level above/below grade		Each level	
Outdoor space	No		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Circulation	9.1	
Cabinets/Casework ²³	Type (refer to footnote)	Material	Size (L, W, H)
Doors and Windows	Type, Size and Finish	Material	Note
Door ²⁴	3070	Wood or hollow metal depending on adjacent finishes	
Door Frame ²⁵	Туре	Hollow metal	
Wall ²⁶	Туре	Finish	Note
Wall 1	Framed drywall or CMU	Painted	
Floor ²⁷	Туре	Finish	Note (Loading, access or vibration considerations)
2 11 20	_	Concrete	
Ceiling ²⁸	Type	Finish	Note
	No ceiling		
Acoustic Considerations			
			STC 48+ walls
Other Requirements			

²³ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

²⁴ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

²⁵ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

²⁶ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

²⁷ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

²⁸ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Mechanical & Plumbing			
			Ventilation as required, especially
			if transformers or other heat-
			producing equipment is present
Ventilation			
			See above
Electrical			
Power	Quantity	Location	Note (e.g. Height, Special Spacing)
General Receptacles 110v			Work receptacles
			Type, Size and Controls (e.g.
Lighting	Quantity	Location	Motion, Dimmable)
General			Occupancy sensor
Data/IT/Security			
Communication	Quantity	Location	Туре
Audio and Visual			
Life Safety			
Alarm Type 1			Building fire alarm
Alarm Type 2			Smoke detector
Security			
Structural			
Special Load Requirements			
Special Vibration Requirements			
Special Span Requirements			
	•	•	
Energy/Sustainability Features			
Energy			(IgCC, GG or LEED Possibility)
Indoor Environmental Quality			,,

DBFP No. 1021203

Other

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME CUSTODIAL CLOSET SPACE NUMBER 8.6

ROOM FUNCTION FACILITY STORAGE OCCUPANCY (IBC) ASSEMBLY A3

DEPARTMENT

AGENCY/FACILITY BALTIMORE CITY COMMUNITY COLLEGE

LOCATION LIBERTY HEIGHTS CAMPUS

PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty. :			
1. Facility Support			
Custodial closet	At least 36 sf		
Total Room Area NASF		As required by IPC	
Dimensions (L, W, H)			
Preferred level above/below grade	Each level		
Outdoor space	No		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Toilets	8.3	Greatest
2	Circulation	9.1	Moderate
Cabinets/Casework ²⁹	Type (refer to footnote)	Material	Size (L, W, H)
Doors and Windows	Type, Size and Finish	Material	Note
Door ³⁰	3070	Wood or hollow metal	
Door Frame ³¹	Туре	Hollow metal	
Wall ³²	Туре	Finish	Note
Wall 1	CMU or framed drywall	Painted, epoxy	
Floor ³³	Туре	Finish	Note (Loading, access or vibration considerations)
	Resinous		
Ceiling ³⁴	Туре	Finish	Note
	Drywall	Painted	
Acoustic Considerations			
Other Requirements			
Mop rack			

²⁹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

³⁰ e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

³¹ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

³² e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

³³ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

³⁴ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

Mechanical & Plumbing

Piped Services	s Heat		Cooling	Unique Requirements, Equipment
Fixtures	Fixtures		Fixtures	Fixtures
N	1op Sink	Floor Drain	Hydrant	
Controls				

Ventilation

Exhaust	Individual or Central Exhaust	Exhaust Filtration (e.g. HEPA)	Note (e.g. Hazard, Alarm)
Exhaust			
Supply			

Electrical

Power		Quantity	Location	Note (e.g. Height, Special Spacing)
	General Receptacles 110v			GFCI convenience outlet
				Type, Size and Controls (e.g.
Lighting		Quantity	Location	Motion, Dimmable)
	General			Occupancy sensor

Data/IT/Security

Communication	Quantity	Location	Туре
Audio and Visual			
Life Safety			
Alarm Type 1			Smoke detector
Security			
Other			Locked

Structural

Special Load Requirements		
Special Vibration Requirements		
Special Span Requirements		

Energy/Sustainability Features

•		
Energy		(IgCC, GG or LEED Possibility)
Indoor Environmental Quality		
Other		

PROJECT TITLE BALTIMORE CITY COMMUNITY COLLEGE LEARNING COMMONS DATE 2/15/2021

SPACE NAME LOBBY SPACE NUMBER 9.1

ROOM FUNCTION MAIN CIRCULATION SPACE

OCCUPANCY (IBC)
DEPARTMENT

ASSEMBLY A3

AGENCY/FACILITY

BALTIMORE CITY COMMUNITY COLLEGE

LIBERTY HEIGHTS CAMPUS

LOCATION PROJECT #

Architecture

Occupants (Quantity)	NASF each	Total NASF	Comment
Staff Type & Qty.:	0		
1.	Main lobby		
Total Room Area NASF	Part of gross area, contains elevator, main stairs		Entrance vestibule
	Limited quantities of benches, lounge furniture		
Dimensions (L, W, H)			
Preferred level above/below grade	1, rising to 2		
Outdoor space	Main entrance		
Adjacency to Other Space	Name	Room Number	Proximity (least, moderate, greatest)
1	Circulation		Greatest
2	Cafe		Greatest
3	Toilets		Greatest
Cabinets/Casework ¹	Type (refer to footnote)	Material	Size (L, W, H)
	Display area		
Doors and Windows	Type, Size and Finish	Material	Note
Door ²	2 pairs 3070	Aluminum	Consider automatic door operators, vestibule required
Door Frame ³	Storefront	Aluminum	
Window 1	Storefront	Aluminum	Interior and exterior shading as appropriate to exposures
Wall ⁴	Туре	Finish	Note
Wall 1	Storefront	Aluminum	
Wall 2	Framed drywall	Paneled or painted	STC 48+
Floor ⁵	Туре	Finish	Note (Loading, access or vibration considerations)
	Tile or resilient		Impact control
Ceiling ⁶	Туре	Finish	Note

¹ e.g. Wood, Metal, Laminate, Resin, Wood, Stone or Laminate top

² e.g. Solid Core Wood, Fiberglass, Hollow Metal, Vision Panel, Louver, Special Hardware, Single or Double Leaf, etc.

³ e.g. Metal, Side Light, Transom, Operable or Removable Transom, Louvered

⁴ e.g. Types: Bearing, Rated, Folding, CMU, Frame/GWB, Impact Resistant GWB, Glazing, Storefront & Finish: Paint, Tile, Metal, Bare, etc.

⁵ e.g. Types: Terrazzo, Ceramic, Concrete, Wood, Carpet, Carpet Tile, VCT, Anti-Static, Chemical Resistant, Sheet Vinyl & Finish: Epoxy, Epoxy Slip Resistant, Sealed Concrete, Stained & Base Type

i di	Open, acoustical de	ecking	
	or panels		
			Sound control panels,
Acoustic Considerations			acoustical decking
Mechanical & Plumbing			
			HVAC suitable to size and
			exposure, presence of main
			entrance
Ventilation			
			Ventilation suitable for exposure
			and varying levels of occupancy.
			Ventilation shall account for
			entrance air movement
Floatsiaal			
Electrical Power	Quantity	Location	Note (e.g. Height, Special Spacing
General Receptacles		Location	Convenience outlets for cleaning
General Neceptacies	1100		Charging center at circulation
Compared Oward Papareta alaa	110.		
General Quad Receptacles	1100		desk with USB
Lighting	Quantity	Location	Type, Size and Controls (e.g. Motion, Dimmable)
			General and accent, with daylight
Ge	neral		control
Data/IT/Security			
Communication	Quantity	Location	Туре
Data/LAN	Ports		WiFi
Audio and Visual			
Di	splay		Information monitor
Life Safety	•		Sprinklers
·			Building fire alarm, main
Alarm Ty	ype 1		annunciator panel
Security			
Card Re	eader		At main door for off hours access
Video Surveil			Security camera, security kiosk
Structural			
n/a			
			,
Energy/Sustainability Features			
Energy			(IgCC, GG or LEED Possibility)

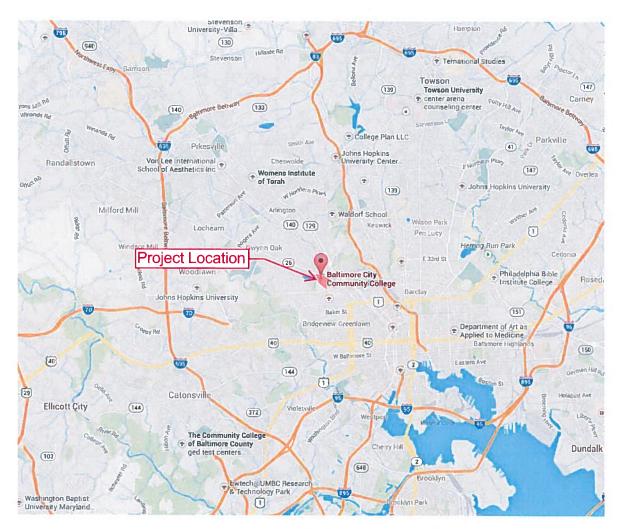
DBFP No. 1021203

Entrance vestibule, consider automatic entrance doors

⁶ e.g. Types: ACT, Moisture Resistant, ACT, GWB, none & Finish: Paint

APPENDIX A

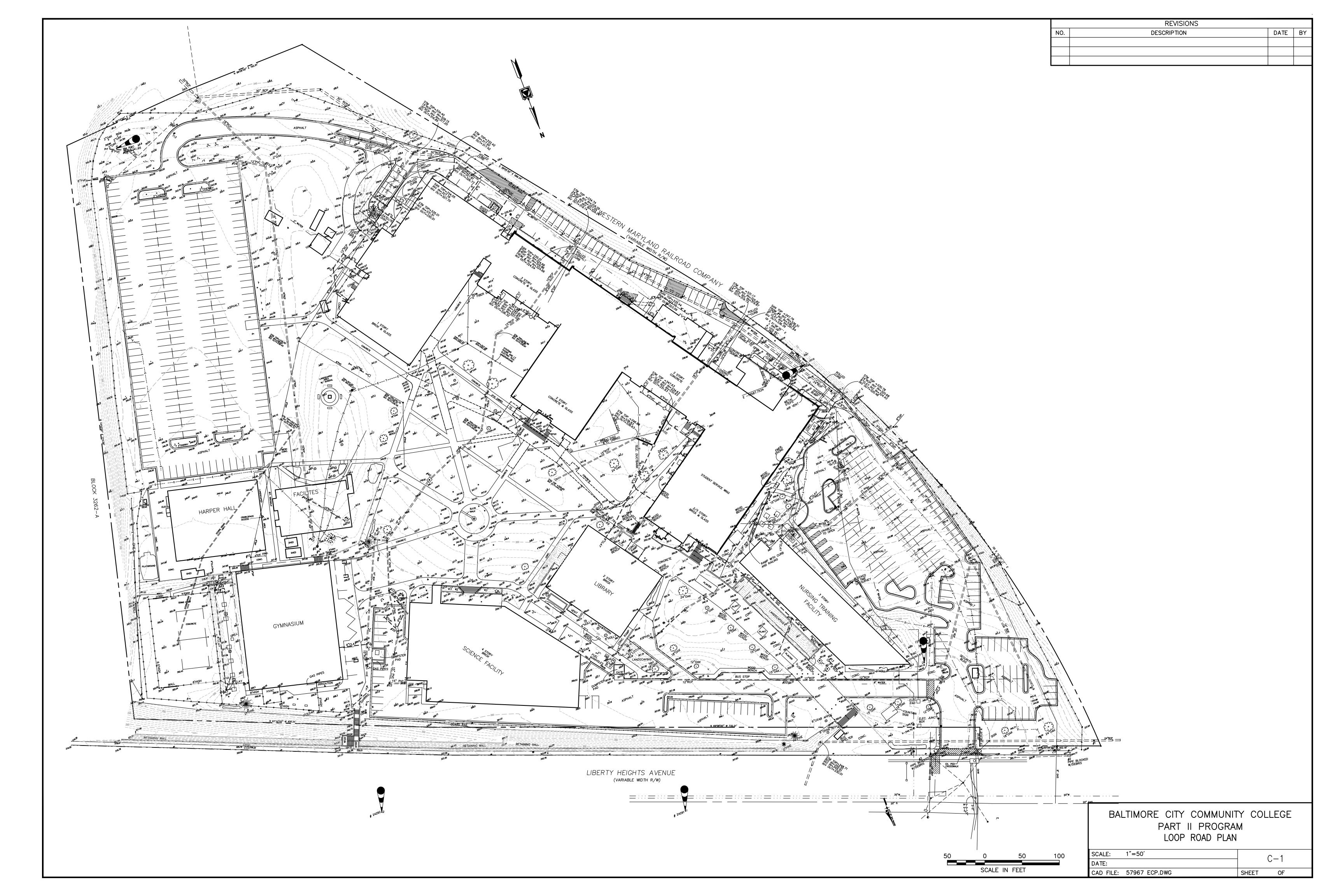
PROJECT LOCATION MAP



PROJECT LOCATION MAP

APPENDIX B

SITE PLAN



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APPENDIX C

PLAT AND DEED

OUITCLAIM DEED

THIS QUITCLAIM DEED, dated December 31, 1990, from THE MAYOR AND CITY COUNCIL OF BALTIMORE, a municipal corporation of the State of Maryland, THE BOARD OF TRUSTEES OF THE COMMUNITY COLLEGE OF BALTIMORE, Grantors, to THE BOARD OF TRUSTEES OF THE NEW COMMUNITY COLLEGE OF BALTIMORE, Grantee.

The Grantors, for a consideration of One Dollar (\$1.00), grant, convey, release, assign and quitclaim to the Grantee, its successors and assigns, all of the Grantors' right, title, interest and estate in the lot of ground located in Baltimore City, Maryland, and described in Exhibit A attached hereto as a part hereof.

BEING the same lot of ground described in a Deed dated May 19, 1959, and recorded among the Land Records of Baltimore City in Liber 630, folio 592, from The Park School of Baltimore, Inc., to the within Grantors.

Together with all improvements thereupon, and the rights, alleys, ways, waters, easements, privileges, appurtenances and advantages belonging or appertaining thereto.

The Grantee covenants that if the New Community College of Baltimore or its successor is not continued in operation primarily as a public institution of higher education, the governing body of the institution shall convey the property described herein to the City, together with any improvements thereon.

WITNESS the hand and seal of the Grantors and the Grantee.

WITNESS/ATTEST:

THE MAYOR AND CITY COUNCIL OF BALTIMORE

(SEAL) WILLIAM R. BROWN, JR. Director of Finance

All taxes for which assessments have been received have been paid as of this date Clusted 33 1991

Pirector of Finance, of Baltimore City by

84512

TRANSFER TAX NOT REQUIRED WILLIAM R. PROMN, JR.
DIRECTOR OF FINANCE
AUTHORIZED SIGNATURE

Page 1 of 5

99290

THE 'OARD OF TRUSTEES OF THE COL JUNITY COLLEGE OF BALTIMORE

(SEAL)

THE BOARD OF TRUSTEES OF THE NEW COMMUNITY COLLEGE OF BALTIMORE

Euran W. Juin

(SEAL)

STATE OF MARYLAND

CITY OF BALTIMORE

ss:

I HEREBY CERTIFY that on this 20th day of AUGUST, 1990, before me, the subscriber, a Notary Public of the State of Maryland, personally appeared MARLON W TINES who acknowledged himself to be the YRESIDENT of THE NEW Community Courses of BANTIMORE and that she, as such officer, being authorized so to do accounted the forestime outhorized so to do accounted the forestime outhorized. being authorized so to do, executed the foregoing Quitclaim Deed for the purposes therein contained by signing the name of what we have by himself as such officer.

AS WITNESS, my hand and notarial seal.

Notary Public

ssion Expires:

STATE OF MARYLAND

SS:

CITY OF BALTIMORE

I HEREBY CERTIFY that on this Zotk day of August 1990, before me, the subscriber, a Notary Public of the State of Maryland, personally appeared OIIS WAPKEN, who acknowledged himself to be the acknowledged himself to be the _ President of The Board of Trustees of the . Community College of Baltimore ("CCB") and that he, as such officer, being authorized so to do, executed the foregoing Quitclaim Deed for the purposes therein contained by signing the name of CCB by himself as such officer.

AS WITNESS, my hand and notarial seal.

Notary Public

My Commission Expires:



EXHIBIT A

30°~

BEGINNING for the same at the point of intersection formed by the southwesternmost side of Liberty Heights Avenue, as opened by Ordinance No. 179, approved November 19, 1912, and the north 20 degrees 45 minutes east 48.68 perches lines of the land allotted to William S. G. Williams in the case of William S.G. Williams vs. Safe Deposit and Trust Company of Baltimore, recorded among the Judicial Records of Baltimore County, the same being delineated on Plat "D" filed in said proceedings, the coordinates of said point of beginning based upon the system used by the City of Baltimore Topographical Survey Commission, being West 12,638.27 feet and north 8,402.59 feet, and running thence binding on said southwesternmost side of Liberty Heights Avenue, the four following courses and distances, viz: North 67 degrees 32 minutes West 400.21 feet, north 69 degrees 8 minutes west 732.21 feet, north 21 degrees 12 minutes 30 seconds east 25 feet, and north 69 degrees 8 minutes west 162.18 feet to the easternmost outline of the right of way of the Western Maryland Railroad Company, described in a Deed from William S.G. Williams, et al to the Western Maryland Railroad Company, dated October 20, 1905 and recorded among the Land Records of Baltimore City in Liber R.O. No. 2182, folio 126, etc.; thence binding on said outline the four following courses and distances, as follows, first, southeasterly by a line curving to the left with a 1,382.69 feet radius, the distance of 572.12 feet, which are is subtended by a chord bearing south 14 degrees 00 minutes 17 seconds east 568.05 feet, secondly, by a straight line north 64 degrees 8 minutes 30 seconds east 10 feet; thirdly, southeasterly by a line curving to the left with 1,372.69 feet radius, the distance of 293.09 feet, which are is subtended by a chord bearing south 31 degrees 58 minutes 30 seconds east 292.53 feet, and fourthly by a straight line south 38 degrees 5 minutes 30 seconds east 589.34 feet to the outline of the above mentioned land allotted to said William S.G. Williams, thence binding on said outline the three following courses and distances, viz: north 89 degrees 6 minutes east 162.91 feet to a stone heretofore planted, north 86 degrees 15 minutes east 179.97 feet and north 14 degrees 10 minutes east 773.09 feet to the place of beginning. Containing 18.667 acres of land, more or less. The courses in the above description are all referred to the True Meridian of the City of Baltimore Topographical Survey Commission. The improvements thereon being known as No. 2901 Liberty Heights Avenue.

SAVING AND EXCEPTING:

BEGINNING for the same at the point formed by the intersection of the east side of Dukeland Street, as now laid out 60 feet wide, and the division line between the parcel of land known as No. 2801 N. Dukeland Street and the parcel of land adjoining on the north thereof known as Lot 4 of Block 3099, said point of beginning being distance 916.83 feet, southwesterly southeasterly and southerly measured along the southeast, northeast and east sides of Dukeland Street from the southwest side of Liberty Heights Avenue, as now laid out 100 feet wide and running thence binding on said division line, North 82 degrees 48 minutes 00 seconds east 21.56 feet to the southwest outline of the Western Maryland Railroad right of way; thence binding on the southwest outline of said Western Maryland Railroad right of way, by a line curving to the left with a radius of 1306.57 feet the distance of 658.72 feet which arc is subtended by a chord bearing South 27 degrees 30 minutes 51.5 seconds East 651.77 feet to intersect the line of the back of the curb, if projected easterly; thence binding in part reversely on said line so projected, in part on the back of said curb, in part on the line of the back of said curb, if projected westerly, and in all, for a new line of division, North 89 degrees 07 minutes 10 seconds West 326.20 feet to intersect the east side of said Dukeland Street and thence binding on the east side of said Dukeland Street, the two following courses and distances; namely North 00 degrees 41 minutes

40 seconds East 483.07 feet and by a line curving to the left with a radius of 1175.92 feet the distance of 87.35 feet which arc is subtended by a chord bearing North 01 degrees 26 minutes 01 seconds West 87.33 feet to the place of beginning. Containing 80,776.91 square feet or 1.8544 acres of land, more or less. All courses and distances in the above descriptions are referred to the true meridian as adopted by the Baltimore Survey Control System.

TIBLES 94.2 PAR 363

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THE MAYOR AND CITY COUNCIL OF BALTIMORE, A menticipal corporation

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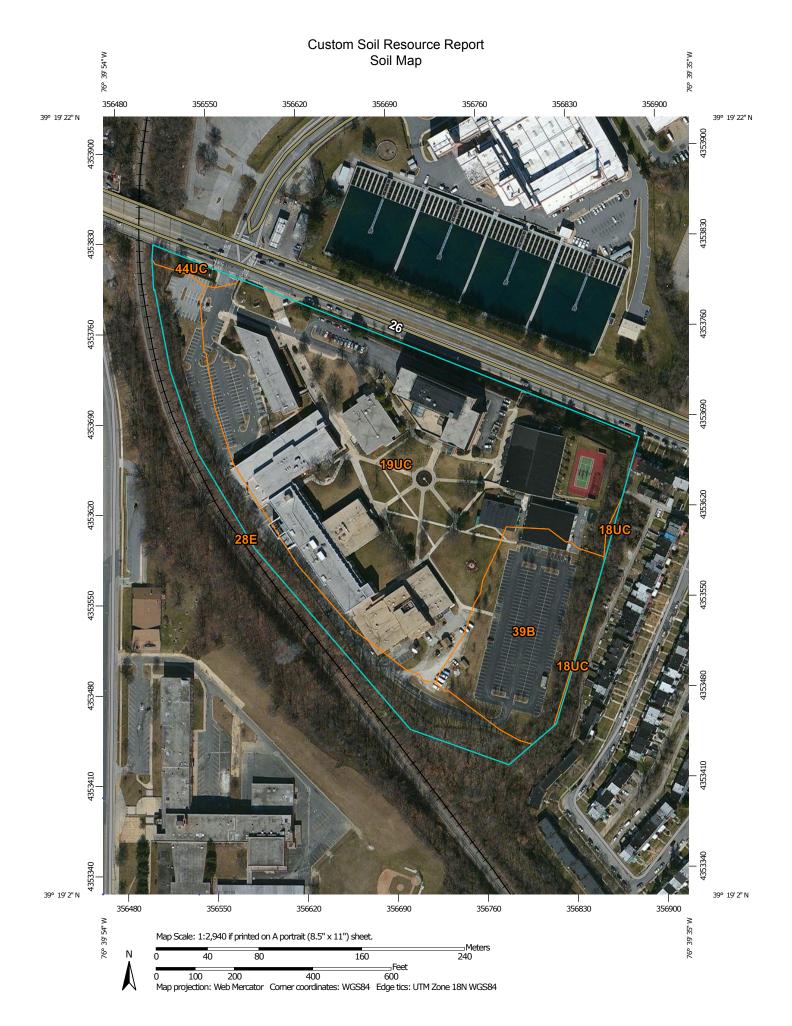
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Page 1 of 4

MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons

-

Soil Map Unit Lines

Soil Map Unit Points

Special Point Features

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Blowout

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Borrow Pit Clay Spot

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Closed Depression

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Gravel Pit

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Gravelly Spot

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Landfill Lava Flow

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Marsh or swamp

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Mine or Quarry

Miscellaneous Water

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Perennial Water

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Rock Outcrop

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Saline Spot Sandy Spot

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Severely Eroded Spot

Sinkhole

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Slide or Slip Sodic Spot 8

Spoil Area Stony Spot

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Very Stony Spot

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Wet Spot Other

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Special Line Features

Water Features

Streams and Canals

Transportation

Rails

~

Interstate Highways

~

US Routes
Major Roads

Local Roads

Background

The same

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: City of Baltimore, Maryland Survey Area Data: Version 9, Dec 13, 2013

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 26, 2011—Mar 2, 2012

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

City of Baltimore, Maryland (MD510)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
18UC	Legore-Urban land complex, 8 to 15 percent slopes	0.1	0.3%
19UC	Urban land-Legore complex, 8 to 15 percent slopes	13.9	68.0%
28E	Relay silt loam, 15 to 60 percent slopes, very stony	3.0	14.8%
39B	Udorthents, loamy, deep, 0 to 8 percent slopes	3.3	15.9%
44UC	Urban land, 0 to 15 percent slopes	0.2	1.0%
Totals for Area of Interest		20.4	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

Custom Soil Resource Report

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An association is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

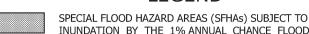
APPENDIX D

SOILS REPORT

APPENDIX E

FLOOD MAP

LEGEND



The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevations determined. ZONE AF Base Flood Elevations determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations

determined

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone

AR indicates that the former flood control system is being restored to provide

protection from the 1% annual chance or greater flood.

Area to be protected from 1% annual chance flood by a Federal flood **ZONE A99** protection system under construction; no Base Flood Elevations determined.

ZONE V Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE Coastal flood zone with velocity hazard (wave action); Base Flood Elevations

determined.

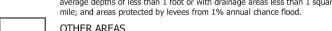


The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.



OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood: areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square



ZONE X Areas determined to be outside the 0.2% annual chance floodplain.

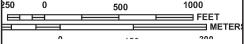
ZONE D Areas in which flood hazards are undetermined, but possible.



COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS



MAP SCALE 1'' = 500





PANEL 0009E

FIRM

FLOOD INSURANCE RATE MAP CITY OF BALTIMORE. MARYLAND INDEPENDENT CITY

PANEL 9 OF 37

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY NUMBER PANEL SUFFIX

BALTIMORE, CITY OF

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject



MAP NUMBER 2400870009E MAP REVISED **FEBRUARY 2. 2012**

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% Annual Chance Floodplain Boundary

0.2% Annual Chance Floodplain Boundary

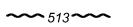
Floodway boundary

Zone D boundary

CBRS and OPA boundary



Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities.



(EL 987)

Base Flood Elevation line and value; elevation in feet*

B

Base Flood Elevation value where uniform within zone; elevation in

feet*

*Referenced to the North American Vertical Datum of 1988



Cross section line



Transect line

45° 02' 08", 93° 02' 12"

Geographic coordinates referenced to the North American Datum of

1983 (NAD 83) Western Hemisphere

3100000 FT

5000-foot ticks: Marvland State Plane Zone

(FIPS Zone 1900), Lambert Conformal Conic projection

⁴⁹89^{000m} N

1000-meter Universal Transverse Mercator grid values, zone 18N

DX5510 X

Bench mark (see explanation in Notes to Users section of this FIRM

panel)

M1.5

River Mile

MAP REPOSITORY

City of Baltimore Department of Planning 417 East Fayette Street 8th Floor, Baltimore, Maryland 21202 (Maps available for reference only, not for distribution.)

INITIAL NFIP MAP DATE June 28, 1974

FLOOD HAZARD BOUNDARY MAP REVISIONS

FLOOD INSURANCE RATE MAP EFFECTIVE March 15, 1978

FLOOD INSURANCE RATE MAP REVISIONS

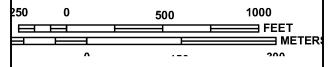
March 16, 1983 - April 3, 1985 - September 30, 1988 - February 2, 2012 - for description of revisions, see Notice to Users page in the Flood Insurance Study report.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.





MAP SCALE 1" = 500'





PANEL 0009E

FIRM

FLOOD INSURANCE RATE MAP CITY OF BALTIMORE, MARYLAND INDEPENDENT CITY

PANEL 9 OF 37

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY
BALTIMORE, CITY OF

NUMBER PANEL

EL SUFFIX

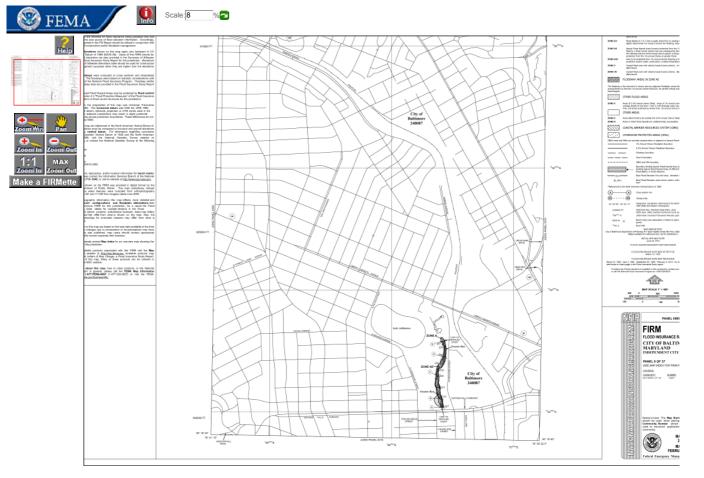
Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

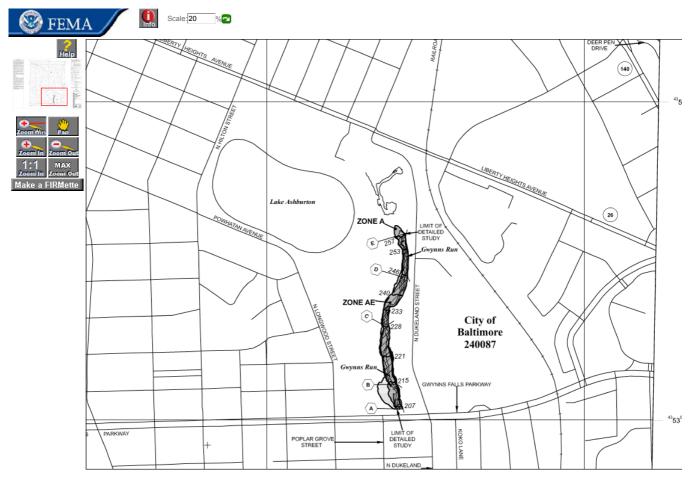


MAP NUMBER 2400870009E MAP REVISED FEBRUARY 2, 2012

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

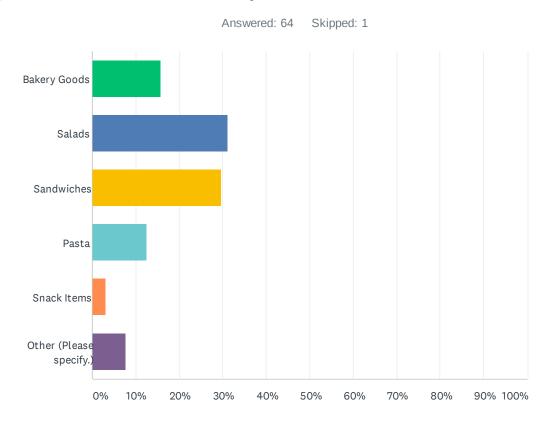




APPENDIX F

STUDENT SURVEY

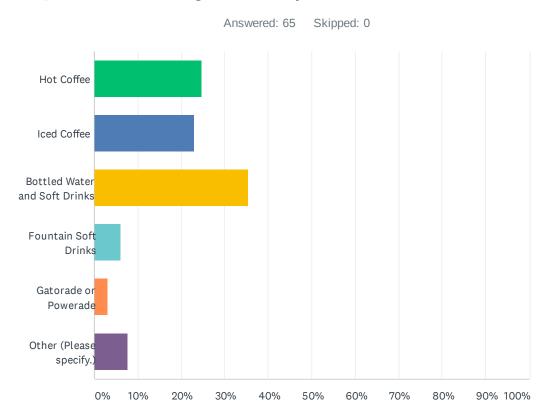
Q1 What food items would you like to see on the limited menu.



ANSWER CHOICES	RESPONSES	
Bakery Goods	15.63%	10
Salads	31.25%	20
Sandwiches	29.69%	19
Pasta	12.50%	8
Snack Items	3.13%	2
Other (Please specify.)	7.81%	5
TOTAL		64

#	OTHER (PLEASE SPECIFY.)	DATE
1	SPARE RIBS, MEAT LOAF, PORK CHOPS, BAKE CHICKEN, BAKE MSC & CHEESE	2/2/2021 4:08 PM
2	Subway	2/2/2021 10:11 AM
3	I would like to see more inclusive and delicious items for vegans, pescetarians, vegetarians.	2/1/2021 11:45 PM
4	More healthier alternatives	2/1/2021 5:58 PM
5	Burgers - made to order with toppings	2/1/2021 12:48 PM

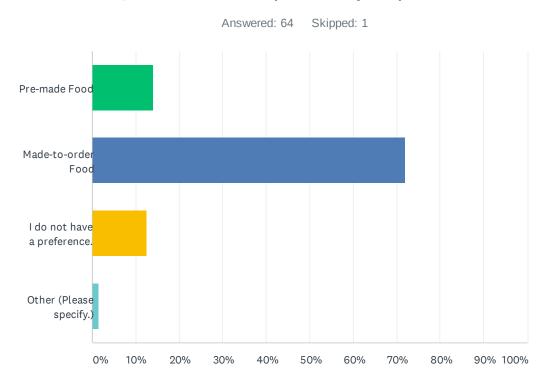
Q2 What beverages would you like to have available?



ANSWER CHOICES	RESPONSES	
Hot Coffee	24.62%	16
Iced Coffee	23.08%	15
Bottled Water and Soft Drinks	35.38%	23
Fountain Soft Drinks	6.15%	4
Gatorade or Powerade	3.08%	2
Other (Please specify.)	7.69%	5
TOTAL		65

#	OTHER (PLEASE SPECIFY.)	DATE
1	hot tea	2/7/2021 12:27 PM
2	Hot chocolate and Herbal teas	2/4/2021 6:03 PM
3	Tea cold and hot	2/1/2021 11:45 PM
4	Smooties , detox waters	2/1/2021 5:58 PM
5	Juices	2/1/2021 12:05 PM

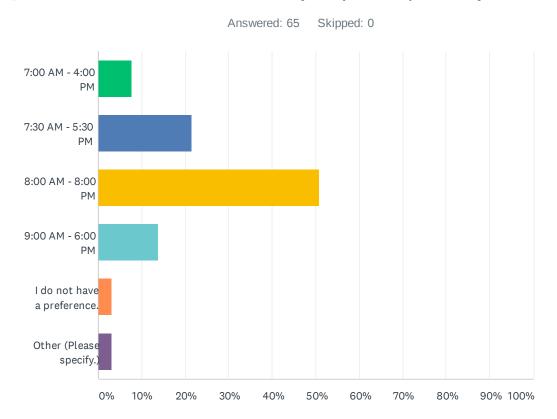
Q3 Which food option do you prefer?



ANSWER CHOICES	RESPONSES	
Pre-made Food	14.06%	9
Made-to-order Food	71.88%	46
I do not have a preference.	12.50%	8
Other (Please specify.)	1.56%	1
TOTAL		64

#	OTHER (PLEASE SPECIFY.)	DATE
1	Both pre-made and made-to-order	2/2/2021 12:58 AM

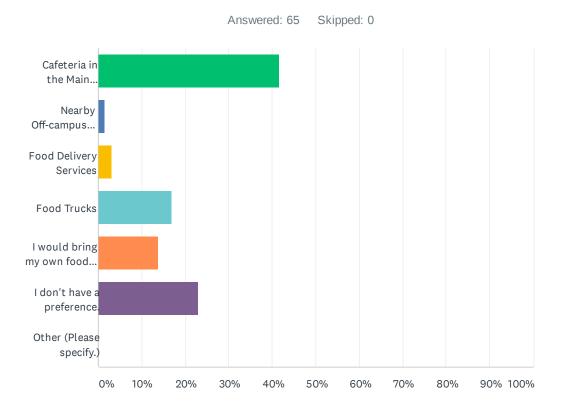
Q4 Which service hours would you prefer (Monday - Friday)?



ANSWER CHOICES	RESPONSES	
7:00 AM - 4:00 PM	7.69%	5
7:30 AM - 5:30 PM	21.54%	14
8:00 AM - 8:00 PM	50.77%	33
9:00 AM - 6:00 PM	13.85%	9
I do not have a preference.	3.08%	2
Other (Please specify.)	3.08%	2
TOTAL		65

#	OTHER (PLEASE SPECIFY.)	DATE
1	7:30 am - 8:00 pm	2/2/2021 10:11 AM
2	8:00 AM- 9:00pm we study late and it could be beneficial to extend it an extra hour	2/1/2021 11:45 PM

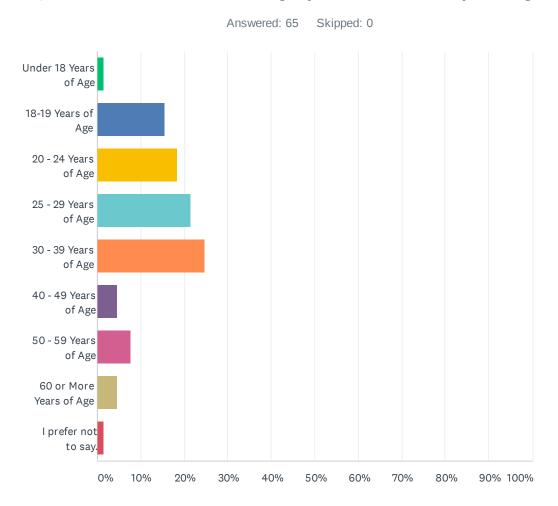
Q5 When the campus reopens, which would you be most likely to use?



ANSWER CHOICES	RESPONSES	
Cafeteria in the Main Building	41.54%	27
Nearby Off-campus Options	1.54%	1
Food Delivery Services	3.08%	2
Food Trucks	16.92%	11
I would bring my own food and/or drinks.	13.85%	9
I don't have a preference.	23.08%	15
Other (Please specify.)	0.00%	0
TOTAL		65

#	OTHER (PLEASE SPECIFY.)	DATE
	There are no responses.	

Q6 Please select the category which reflects your age.



ANSWER CHOICES	RESPONSES	
Under 18 Years of Age	1.54%	1
18-19 Years of Age	15.38%	10
20 - 24 Years of Age	18.46%	12
25 - 29 Years of Age	21.54%	14
30 - 39 Years of Age	24.62%	16
40 - 49 Years of Age	4.62%	3
50 - 59 Years of Age	7.69%	5
60 or More Years of Age	4.62%	3
I prefer not to say.	1.54%	1
TOTAL		65

APPENDIX G

CONCEPT

Learning Commons Entrance – The main entrance to the commons should stand out from the building and be easily recognizable. It should be made of glass, be well lit and ADA accessible.



Learning Commons at Niagara County Community College (NCCC)

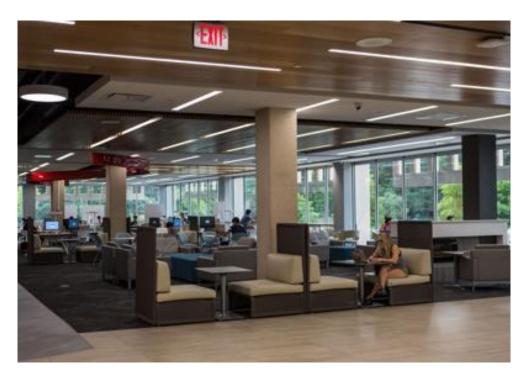
https://www.niagaracc.suny.edu/2019-brick-by-brick-awards-shine-spotlight-on-nccc-learning-commons/

Learning Commons Seating – comfortable table/individual seating with a view. Lighting should automatically adjust based on the about of sunlight entering the area. This casual seating area can accommodate a café as well. Also, kept separate from a quiet study area. The power connections should include 110 volt as well as USB outlets.



TMCC Learning Commons - Truckee Meadows Community College

https://www.tmcc.edu/learning-commons



The Daily Nebraskan

http://www.dailynebraskan.com/news/sudden-change-in-learning-commons-hours-produces-mixed-feelings-among-students/article 125c5e06-8857-11e7-a325-fb8e2ee3d495.html



Marywood University Learning Commons Features

http://www.marywood.edu/virtual tour/learning-commons-features

Individual Seating – With easy laptop hookup to replace the old wooden individual seating on the first and second floors. The power connections should include 110 volt as well as USB outlets.



UCLA Young Research commons

https://twitter.com/uclalibrary/status/1041799349410312194

Exterior Learning Area - We may want to include some exterior tables/chairs outside the building as well (when the weather is nice).



How to Design Outdoor Learning Environments

https://spaces4learning.com/articles/2015/01/01/outdoor-learning-environments.aspx



Outdoor Seating

http://cgwv.com/custom-outdoor-seating-helps-brand-local-university/

Library Archives – to collect, house, and preserves rare books, personal and institutional papers, college event photographs, and other unique BCCC materials. The archives room will be well lit with adjustable shelving to accommodate various sized items. A work table and chairs will be needed as well.



Women's History Month panel-UTSA Special Collections Women's Archives

https://utsalibrariestopshelf.wordpress.com/2016/03/28/womens-history-month/



In the Archives | The 1987 March on Washington Committee: The Chicago Chapter

 $\frac{\text{http://outhistory.org/blog/in-the-archives-the-1987-march-on-washington-committee-the-chicago-chapter/}$



ACCESSING THE ARCHIVES – Manhattan College

https://archives.manhattan.edu/access/index.php

Terraced Information Literacy Classroom – The present training room is not terraced and students in the back complain about not seeing the projector screen. The present training room has only 20 student computers We need a new lab to accommodate up to 30 students, computers, and an Instructor Station. A projector attached to the ceiling would improve visibility as well. Lighting should be adjustable as well. The power connections should include 110 volt as well as USB outlets.





University of New Hampshire - Murkland G17

https://www.unh.edu/it/av/facility/murkland-hall/g17



Technology Classrooms

 $\frac{https://education.utexas.edu/about/deans-office-units/information-technology-office/technology-off$

ADA Compliant Restrooms on each floor stationed at building entrance (since it is the most common question asked by patrons after entering the building.



ADA Compliant Restroom

https://www.buildings.com/article-details/articleid/9242/title/the-ada-compliant-restroom

ADA Compliant Elevator – The elevators must include the following:

- **Car Buttons** ADA-compliant elevators must have hall and car buttons mounted at 42 inches. Call buttons must also be a minimum of 0.75 inches in diameter, and ADA regulations call for certain illumination levels for all elevator buttons. Additionally, braille plates must be installed next to buttons as well as at the entrance jambs.
- **Cab Room** The inside of the elevator must be large enough to accommodate a wheelchair and allow a wheelchair to complete a 360-degree turn.
- Handrails ADA-compliant elevators must also have handrails located at specific heights.
- Reopening Devices Another ADA requirement of certain elevators is that reopening devices activate without physical contact. (if door closes while a wheelchair is nor fully in the cab, the door reopens.



Elevators and ADA Compliance - Carson Elevator

https://www.carsonelevator.com/2016/02/elevators-and-ada-compliance-in-salt-lake-city/

Circulation Desk - The place in the library where you check out, renew, and return library materials. You may also place a hold, report an item missing from the shelves, or pay late fees or fines there." The first image below is a Library circulation desk with "up stands" and book return slots. This setup can be placed in a corner. The second image allows a long desk to be placed along a wall.



Library Architecture

https://www.pinterest.com.au/pin/278871401905532534/



Cool Library Circulation Desk

https://www.pinterest.com/pin/178314466479946817/



Circulation Desk

https://www.library.kent.edu/circulation

Reference desk. – The reference desk is the area where reference librarians help people find needed information using, sources such as encyclopedias, indexes, handbooks, directories, book, eBooks databases and more. The reference desk should provide easy a welcoming environment for patrons to access and sit while being assisted by the librarian.



Fairfield University

https://digitalcommons.fairfield.edu/dnltour_images/24/



Reference Desk

https://codlrc.org/spaces/reference%20desk

Quiet study rooms – for 1 or 2 persons – rooms <u>must</u> be insulated to prevent noise. Glass at front of room to quickly see if anyone is in the room. Lighting must be adjustable in the room for viewing videos, Web pages...



New year, new library: the renovated Peterborough Public Library

https://kawarthanow.com/2018/01/10/new-year-new-library-the-renovated-peterborough-public-library-is-opening-soon/

Group Study rooms – rooms <u>must</u> be insulated to prevent noise. Group study rooms must include technology like display screens so entire group can view a project as it is being created/worked on. Glass at front of room to quickly see if anyone is in the room. The power connections should include 110 volt as well as USB outlets. Lighting must be adjustable in the room for viewing videos, Web pages...



Clermont College Library Study Rooms

https://libraries.uc.edu/libraries/clermont/services/studyrooms.html



Draughon Learning Commons, Auburn University

https://br.pinterest.com/pin/254312710182324533/

Café – A café should be included in the Learning commons to aid students on the go.



Falvey Library | Villanova University

 $\underline{\text{https://www1.villanova.edu/villanova/services/dining/where/alacarte/falvey.html}}$

APPENDIX H

CHECKLIST TEMPLATES

PROGRAM CHECKLISTS

These checklists should be submitted as separate, "pull-off" attachments to the program. The purpose of a checklist is two-fold: (1) to allow the program-writer to organize/verify the information presented in the narrative description of the project and (2) to allow DGS to quickly ascertain the scope and completeness of the program submission. Depending on the type of projects being requested (new building, renovation, utility, site development), the program-writer should complete the appropriate checklist(s) and submit it with Part II.

1. NEW BUILDING PROJECT CHECKLIST

The following checklist shall be completed for projects involving construction of a new structure and includes an addition, extension or replacement of an existing structure. Because a new building project may also require renovation and utility extension work and generally involves site improvements, the program-writer should also complete either or both of these checklists if they are appropriate to the project under consideration.

	Yes	No	N/A
a. Architectural style preferences		X	
(If yes, explain on separate sheet.)			
b. Work schedules or phases	X		
c. Coordination with master development plan	X		
d. Funding constraints (If yes, what are they?)		X	
e. Site selected	X		
f. Preferred vistas (If yes, describe.)	X		
g. Excavation, clearing, razing constraints (If yes, explain.)		X	
h. Other construction in area	X		
i. Utilities on site	X		
j. Special design features (Describe on separate sheet.)	X		
k. Space needs: present and future			
Entire facility	X		
Functional areas	X		
Rooms	X		
1. Space needs: net sq. footage			
Entire facility	X		
Functional areas	X		
Rooms	X		
m. Special dimension and space requirements	X		
n. Nature of work and services described	X		
o. Functional and spatial layouts	X		
p. Workload projections			X
q. Special working hours or shifts			X
r. Work flow described			X
s. Clerical-professional ratio			X
t. Client - staff ratio			X
u. Client - staff traffic preferences			X
v. Office layout preferences	X		
w. Special room/area features	X X		
x. Climate control considerations	X		
y. Furniture and equipment needs	X		
z. Special lighting needs	X		
aa. Information technology needs (voice, video, data, & wireless)	X		
bb. Special access/egress requirements			X

NEW BUILDING PROJECTS CHECKLIST (continued)

	Yes	No	N/A
cc. Preferred floor, wall or ceiling material	X		
dd. Security considerations			
Electrically controlled doors	X		
TV-monitoring system	X		
Secured utilities			X
Secured windows			X
Motion Detectors			X
Door and window alarm			X
Alarm links to offsite locations	X		
ee. Considerations to be given to:			
Equipment storage and maintenance	X		
Heat and sound insulation	X		
Linen and janitor closets	X		
Utility area	X		
Physical plant needs	X X		
Trash removal	X		
Delivery dock	X		
Escalator, elevator, stairways	X		
Fire protection and sprinklers	X		
Food preparation and delivery	X		
Dining facilities	X		
Client and staff transportation systems			X
Signage and entranceway needs			X
Accommodations for youth, aged, and handicapped	X		
Restroom and shower facilities	X		
Special water supply or utility needs			X
Recreation/play areas			X

NOTE: For each item checked yes, ensure an explanatory narrative is included in the body of the program.

2. RENOVATION PROJECT CHECKLIST

Renovation projects are diversified in nature and in scope. For this reason, the program-writer should complete and submit the new building project, utility project, or site development checklists(s) as appropriate to the project under consideration.

3. UTILITY PROJECT CHECKLIST

The following checklist shall be completed for programs which exclusively involve a utility improvement or as a supplement to a new building or renovation project if appropriate.

	<u>Y es</u>	<u>No</u>	<u>N/A</u>
a. Zoning consideration			X
b. Energy management and conservation consideration	X		
c. Temperature control system described (preferably DDC)	X X		
d. Condition and capacity of underground items lines	X		
e. Central or individual steam service		X	
f. Condition and capacity of existing sewage system	X		
g. Fuel oil storage (tank capacity in gallons)		X	
h. Service road for fuel deliveries			X
i. Facility for bulk fuel deliveries			X
j. Present water lines adequate		X	
k. Special size and location of water lines	X		
1. Special water supply and treatment		X	
m. 140 F water to dishwashers, janitor slop sinks	X		
n. 110 F water to patient rooms, rest rooms, other areas	X		
o. Visual/audible alarm and automatic shut off for hot water		X	
p. Sinks provided in special areas	X		
q. System for handling trash and garbage explained	X		
r. Incinerator requirements			X
s. Life-cycle costs analysis required for HVAC system	X		
t. Compliance with ASHRAE 90.1-1989	X X		
u. HVAC designed to allow repairs to one component without affecting entire	X		
system (distribution zone isolation valves)			
v. Need to convert boilers to gas or dual fuel (ASHRAE 62-1989)			X
w. Special ventilation requirements			X
x. Attic ventilation required			X
y. EDP area considerations			X
z. Storm window installation			X
aa. Thermopane and tinted glass installation	X		
bb. Security grilles for duct work			X
cc. Kitchen and lab hoods supplied with independent sources of makeup air			X
dd. Fusible links in dampers resettable and accessible	X		
ee. Voltage capacity identified	X		
ff. Amperage services identified		X	
gg. Adequate transformer capacity	X		
hh. Capacity of emergency generators identified	X		
ii. Overhead or underground distribution system			X
jj. Looped (reverse return) or non-looped distribution system			X
kk. Electrical code service performance			X

<u>UTILITY PROJECT CHECKLIST</u> (continued)

	Yes	No	<u>N/A</u>
ll. Service power factor specified		X	
mm. Lighting system described (high efficiency lamps & ballasts)	X		
nn. Intercom system required	X		
oo. Smoke detectors installed	X		
pp. Fire alarm system adequate:		X	
Tied into local Fire Department			
Coded alarm system			X
Testable			X
Trouble alarm			X
qq. Describe type and condition of telecommunication distribution system	X		
(Fiber optic, data, voice)			

NOTE: For each item checked yes, ensure an explanatory narrative is included in the body of the program.

4. SITE DEVELOPMENT CHECKLIST

(a) Land Use and Acquisition Criteria Checklist

		nore City Community No:		mmons	
Reque	sting Ag	gency: Baltimore City	Community College	Date: March 1,	2021
feasibi		neck list shall be used suitability of land for			
require	ment to	-	e construction of a ne	w building. This form	a site improvement or as a n will generally not be ration of an existing
	mendati	st shall be completed on of the Requesting consideration of the si	Agency for acceptance		nd submitted with the site, to the Secretary of
contac		l technical assistance l for staff assistance.	be required to comple	te this checklist, the	Requesting Agency should
I.	SITE I	LOCATION:			
	1. Avenu	County e, Baltimore, MD 212		nore, Street Address:	2901 Liberty Heights
	2.	Boundaries (streets,	steams, etc,) Liberty l	neights Avenue, CSX	Railway
	3. area to	SHA County Map (Sa five mile radius. Inc			operty and surrounding
II.	SITE I	DESCRIPTION:			
	1.	Size of property: 19	Acres		
	2.	Existing Easements a	and Rights-of-Way (c	heck and indicate on	property plat):
		gas transmission electrical sanitary sewers water	n/a Ex. xfmr n/a n/a	mineral rights storm drainage other (specify)	n/a n/a
		telecom cable	$\frac{n/a}{n/a}$		

SITE DEVELOPMENT CHECKLIST (continued)

3.	Existing Improvements (check):		
	A.	Building(s) X; Paved Roads X; Paved Parking Lots X; Walks X; Retaining Walls X; Fences X; Septic System Building: Owner Occupied X, Tenant Occupied,	n(s); Existing
		Other (specify).	
	B.	Building: No. of Stories 2; Gross Area 30,000 sf; sq. ft Widthft.	; Length ft;
	C.	Paved Areas: Lengthft; Widthft; Area	sq. ft.
4.	Preser	ent Zoning and Land Use:	
	A. B.	Existing Zoning (specify):; Con Existing land Use (check): Farmland; Con Industrial; Residential; Other: Institutional.	nmercial;
5.	Surfac	ace Characteristics:	
		Wetlands no	
		Wooded no	
		Lakes, Streams or Ponds <u>no</u>	
		Swamps no	
		Agricultural no no	
		Improved Land	
		with Structures Yes Other	
6.		nce Soil Characteristics: Residual%; Alluvial%; Alluvial%; Alluvial%; Alluvial%; Residual%; See soil report attached	Artificial Fill%;
7.	Underlying Geologic Strata (check): Alluvial Deposit%; Artificial Fill%; Crystalline Rocks%; Sedimentary Rocks%; Limestone%;		
8.	-		ype
9.	Topog	ography: See attached existing site (prior to loop road)	
	A. B.	Variance in Grades: precipitous% steep Supplemental Information (check):	% rolling%

SITE DEVELOPMENT CHECKLIST (continued)

		DI	D //A : 1/	DCa)	Attached	Not Available
		Photogrammetry (obtain f	1 0			
		USDA Photos (obtain from		;)		
		USCGS (National Geodet	•		-	
		Field Survey - Topograph			-	
		Flood Plain/Wetlands (FE	JVIA)			
	10.	Existing Drainage Cha	racteristics (check)	: Inlets/sto	rm drainsX	; nearby
		streams; on-site st	reams; lakes	; roadv	way ditches X	; adjacent
prope	rties	drain to subject	site; other _		(spec	ify).
	11.	Wildlife Habitat (checl	z). Elyman — · W	etland	· Woodland	
	11.	Wilding Habitat (check	c). 11yway, w	Ctiana	, woodiand	·
	12.	•		-		; direct access from
		unimproved road				
		from unimproved right	-of-way; sir	ngle access	X; mı	ultiple access
III.	PR	OPERTY PLAT AND DI	EED			
	1.	Dlot (somy attached)	V (abaala)			
	2.	Plat (copy attached) _ Deed (copy attached)				
	3.	Liber & Folio (copy at	,	ed are not	available (che	ck)
	4.	Ownership (check)	tachea) ii piat & ac	ca are not	avanable (ene	ck)
	т.	Federal	(Age	ency)		
		State	X (Age	ency)		
		County		ency)		
		City/Town		ency)		
		Private		-	Estate)	
		Corporate	(Sin	gic/joint/L		
		Other (specify)				
		Other (specify)				
IV.	UT	ILITIES & SERVICES:				
	1.	Indicate on property pl	at and location map	the availa	bility of the fo	ollowing:
		Type	Capacity/Size	Distan	ce from Site	
		71	1 3		site, designate	
				"o.s.")		
		Electric	400A 3P	OS		
		Storm System	8"	OS		
		Sanitary Sewer	8"	OS		
		Water (public)	3"	OS		
		Gas	n/a			
		Telephone		OS		
		-				

		Telecommunications (OS		
		SITE DEVELOPMENT CHECKI	LIST (co	ontinue	d)
2.		Nearest Fire Department: Location_Woodl Distance to site: _4.1Mil			
3.		Public Parking available (check) Yes_X Distance from siteFt; No. span DescribeOn site	ces avail	able	
4.		Well Water (check): Available; Not A	vailable_	_X;	Potable
5.		Percolation Tests: Indicate areas on property pl circumstances whereby testing was accomplish information: Test performed Satisfactory	ed. Furn	ish ava	ilable supporting data or
6.		Drainage Outfall: Indicate on property plat and disposal of storm water from the subject site.	location	to the	nearest location for the
V.	PR	COPOSED LAND USE COMPATIBILITY:			
	1.	Proposed Zoning (specify)_C-2 Educationa	l Campu	s.	
	2.	Proposed parking requirements (number): A	Autos_n/a	a	: Other
	3.	Floodplain Management (check): 5-year Floodplain 10-year Floodplain 25-year Floodplain 50-year Floodplain 100-year Floodplain	n/a n/a n/a n/a n/a		
	4.	Project Coordination (check):	<u>Yes</u>	<u>No</u>	Not Applicable
		Local Government Acceptance	100	X	- THOUTH PRINCE -
		County Government Acceptance			n/a
		Compatible with State Highway Administration Plans			n/a
		Community Acceptance			n/a
		Approved Dept. Budget and Management Other	X		
	5.	Aircraft-Landing Flight Path (check): On site; adjacent to site	();	; N/A_X

SITE DEVELOPMENT CHECKLIST (continued)

(6. Indi	cate on property pla	nt:	
	A.	Present ownersh	nip and development of each surrounding proper	ty.
	B.	Proposed develo	opment of surrounding undeveloped property.	
,	7. Hist	corical, Archaeologic	cal or Unusual Features (check):	
		narks ic site ic buildings	unusual geologic formations unusual large trees that might be recorded in State or National registry	
			Robert M. Asbury AIA (Prepared by)	301-662-8611
			Principal(Title)	
]. 2. <u>.</u> 3	_XPro _XPro _XTop	A County Map (with perty Plat (with info	h information indicated thereon) ormation indicated thereon)	

(b) Site Development Checklist Supplement

This form is a supplement to the "Checklist: Land Use and Acquisition Criteria" form and shall likewise be submitted for programs which exclusively involve a site improvement or as an attachment to projects which pertain to the construction of a new building.

		Yes	<u>No</u>	N/A
1.	Site selected			
2.	State-titled property			
3.	Map, plat or sketch provided			
4.	Land/space needs estimated			
5.	Estimates on number of occupants, participants or visitors at site included			
6.	Other construction in the area			
7.	Special work scheduling requirements			
8.	Excavation, demolition, clearing work required			
	Unusual site considerations explained			
10.	Hazards on/near site			
11.	Curb or guttering required for drainage			
12.	Special sediment control considerations			
	Turn-around space for trucks considered			
	Construction storage area available			
	Sanitary sewer at site			
16.	Potable water at site			
17.	Electric power at site			
	Irrigation needs			
	Seeding or sodding requirements			
	Parking considerations:			
	No. of present spaces			
	No. of new spaces			
	Special vehicle space			
	Handicapped parking			
22.	Special construction material requirements			
	Lighting considerations:			
	Sidewalks			
	Parking area			
	Roads			
	Play/activity area			
	Sign			
	Flag			
24.	Accommodations for handicapped			
	Telecommunication needs			
26.	Security requirements			
	Fencing needs			
	Fire protection system			
	Play/outdoor area provided			

(b) <u>Site Development Checklist Supplement (continued)</u>

		<u>Yes</u>	<u>No</u>	<u>N/A</u>
30.	Seating and furniture needs			
31.	Restroom and shower facilities			
	Seasonal/Year Round			
32.	Special equipment requirements			
33.	Special storage space needs			
34.	Underground or above ground tanks; new/planned			
35.	Archeological significant features			
36.	Clearing house approval			

NOTE: For each item checked yes, ensure an explanatory narrative is included in the body of the program.

APPENDIX I HAZARDOUS MATERIALS STUDY



HAZARDOUS MATERIALS SURVEY

Baltimore City Community College Bard Library Baltimore, Maryland 21215

August 11, 2021

Prepared for:

Noelker and Hull Associates, Inc.

6 North East Street, Suite 300 Gaithersburg, Maryland 20878

Attn: Mr. Robert Asbury

Prepared by:

GEO-TECHNOLOGY ASSOCIATES, INC.

Geotechnical and Environmental Consultants 14280 Park Center Drive, Suite A Laurel, Maryland 20707 (410) 792-9446 or (301) 470-4470 www.gtaeng.com

GTA Project No: 31211148

GEO-TECHNOLOGY ASSOCIATES, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

A Practicing GBA Member Firm



August 11, 2021

Noelker and Hull Associates, Inc. 9801 Washingtonian Boulevard, Suite 310 Gaithersburg, Maryland 20878

Attn: Mr. Robert Asbury

Re: Hazardous Materials Survey

Baltimore City Community College Bard Library

Baltimore, Maryland 21215

Dear Mr. Asbury:

In accordance with our agreement dated March 9, 2021, Geo-Technology Associates, Inc. (GTA) has performed a Hazardous Materials Survey of the above-referenced site ("Site"). The results of this Hazardous Materials Survey are summarized herein.

We appreciate the opportunity to be of assistance on this project. Should you have any questions regarding this information, or should you require additional information, please contact the undersigned at your convenience.

Sincerely,

GEO-TECHNOLOGY ASSOCIATES, INC.

Patrick M. Deery

Environmental Scientist

Samuel J. Stevenson

Vice President

PMD/KBD/SJS 31211148

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	Lead-Based Paint Reading Location Figures (3 pages, color)
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Appendix D	Tables (10 pages)
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	Table 3 – Regulated Materials Inventory (1 page)
Appendix E	Chain of Custody Documentation and Laboratory Results (25 pages)

HAZARDOUS MATERIALS SURVEY

BALTIMORE CITY COMMUNITY COLLEGE BARD LIBRARY BALTIMORE, MARYLAND AUGUST 11, 2021

1.0 INTRODUCTION

1.1 Purpose

At the request of Noelker and Hull Associates, Inc. (Client), GTA performed a Hazardous Materials Survey of an approximately 30,134 square foot, two-story library building ("subject building"), located on the northern portion of the Baltimore City Community College (BCCC) Liberty Heights campus, at 2901 Liberty Heights Avenue ("Site"), in Baltimore, Maryland. GTA understands that the subject building is proposed to be renovated under the BCCC Learning Commons project. Therefore, GTA performed the Hazardous Materials Survey to identify and assess the physical characteristics of the asbestos-containing materials (ACMs) and lead-based paint (LBP), evaluate the potential presence of polychlorinated biphenyls (PCBs), and identify other regulated hazardous materials that will be disturbed during demolition.

1.2 Limitations

GTA's conclusions regarding this Asbestos Survey have been based on visual observation, testing, and physical assessment of building materials located at specific locations and on a specific date as noted herein GTA's determination of the condition of the identified ACMs was inferred from the results of visual observation and physical touching of the materials. The condition of the ACMs may not remain consistent through the passage of time. The ACM quantities provided by GTA are to be considered approximate, only. Reliance on such estimates for abatement, removal, demolition, or similar bidding or planning purposes is at the sole risk of the user. It is the responsibility of the abatement or demolition contractors (or other parties) to independently evaluate any material quantities prior to submitting cost proposals for related activities. GTA's Asbestos Survey is intended to reduce, but cannot eliminate, the potential for conditions that result in liability for the Client.

The following limitations should be noted with respect to this Hazardous Materials Survey:

• The Hazardous Materials Survey was non-destructive and did not include visual observation, testing, and physical assessment of concealed building materials, such as

those potentially found behind walls and ceilings (not equipped with access panels), in fire doors, or similar areas. The full thickness of the asphalt roofing matrix on the subject building could not be assessed in a nondestructive manner; therefore, the base layers of the roof were not evaluated for suspect ACMs.

- A floor tile matrix consisting of a mixture of 12"x12" floor tiles, 9"x9" floor tiles, floor tiles of an unknown size, all which were covered by carpeting and associated carpet mastic, was present on the 2nd floor of the subject building. The extent of this floor tile matrix could not be evaluated in a nondestructive manner, which limited GTA's evaluation.
- The Hazardous Materials Survey did not include areas that GTA considers structurally unsound or otherwise occupationally unsafe. The subject building was operational at the time of the Hazardous Materials Survey. Therefore, the electrical transformers, panels, and wiring, and the interior spaces of mechanical equipment were not evaluated.
- A crawl space was present beneath the southern, eastern, and western portions of the 1st floor, and was poorly lit, which limited observations of the subject building. Additionally, a heating-ventilation and air conditioning (HVAC) duct prevented access to western portion of the crawl space. Therefore, that portion of the crawl space was omitted from the Hazardous Materials Survey.
- The Hazardous Materials Survey was limited to materials accessible with a 6-foot step ladder (provided by GTA). GTA was unable to observe light ballasts in large portions of the library stack space and in the basement mechanical room using the 6-foot step ladder. Therefore, these areas were excluded from the PCB evaluation portion of the survey.

2.0 BUILDING INFORMATION

2.1 Site Location

The Site consists of a portion of the BCCC Liberty Heights campus, located at 2901 Liberty Heights Avenue in Baltimore, Maryland. The Site consists of the Bard Library building, located on the northern portion of the campus. A *Site Location Map* is presented as *Figure 1 (Appendix A)*. According to online tax information obtained from the Maryland Department of Assessments and Taxation (MDAT), the Site is included within an 18.667-acre parcel owned by the Board of Trustees of the New Community College of Baltimore. The parcel is identified on Tax Map 15, Block 3262, Lot 1.

2.2 **Building Construction**

The subject building encompasses approximately 30,134 square feet, and consists of two above-ground floors, with a basement, built in 1965, utilizing slab-on-grade construction. A crawl space is present beneath the eastern, western, and southern portions of the 1st floor of the building, and is accessed via a hatch in the basement main mechanical room. The building framing materials

include concrete columns, metal studs, and masonry block walls and ceilings, and a concrete roof deck supported by concrete roof trusses. The exterior finishing materials include brick walls, metal window and door frames, glass pane windows, window pane sealant, and an asphalt roofing matrix. The interior finishing materials include drywall and joint compound, vinyl floor tiles, carpet, ceiling tile, cove base, and various construction mastics. Fiberglass insulation was observed on heating and cooling systems. Mudded pipe elbows were additionally observed in the basement of the subject building.

2.3 Plans and Prior Reports

GTA requested copies of building construction drawings and prior asbestos-related surveys or abatement reports from the Client, and Mr. Abdon Chica and Ms. Katherine Dixon, representatives of the current property owner. GTA was informed that, to the knowledge of Mr. Chica and Ms. Dixon, no prior Hazardous Materials Surveys exist for the Bard Library. Mr. Chica did note that sampling of suspect ACMs is occasionally performed at the subject building, prior to renovations or maintenance activities, but he was unable to provide documentation of prior ACM sampling events.

The Client provided GTA with a copy of project overview documents for the BCCC Learning Commons program, dated July 2020, and pertaining to the subject building. These documents indicate that the subject building consists of two aboveground floors, with a basement, totaling approximately 30,134 square feet. These documents further indicate that the subject building was constructed in 1965, and that the most recent large-scale renovations of the subject building occurred between 1987 and 1989. The provided project documents additionally indicate that subject building lighting is comprised of T-10 fluorescent light units. Fluorescent lighting units are typically subject to universal waste regulations under the U.S. EPA Toxic Substances Control Act (TSCA) due to the inclusion of mercury in the light fixtures. The reviewed project documents did not include information regarding ACMs, LBP, or other similar hazardous materials, beyond the above-discussed fluorescent lighting units.

3.0 ASBESTOS SURVEY

3.1 History of Asbestos in Buildings

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals that were extensively mined (especially from the late 1890s) for manufacture of building products due to their many marketable characteristics, including strength, insolubility, fire resistance, natural insulation, non-conductivity, chemical resistance, and ability to be woven. Examples of such building products include transite siding, built-up roofing, ceiling and wall plaster, fireproofing, plumbing pipeline insulation, flooring, construction mastics, and waterproof sealants.

The United States Environmental Protection Agency (USEPA) identified asbestos as a hazardous air pollutant in 1971, and began limiting the use of asbestos in some building products in 1972 as epidemiological studies increasingly identified respiratory and digestive diseases related to airborne asbestos fiber exposure, including asbestosis, mesothelioma, pleural plaques, and lung cancer. Today, some asbestos-containing building products (e.g., floor tile, pipeline wrap, transite shingles, and built-up roofing) have not been banned by the USEPA (or their bans have been repealed) and can still be manufactured and used in the United States.

3.2 Regulatory Overview

The regulation of asbestos is multi-faceted. The USEPA regulates asbestos primarily in the context of airborne releases. Accordingly, the USEPA generally considers asbestos products in buildings as best managed in-place, and only requires removal of asbestos products from buildings that are planned for renovation or demolition due to the potential for significant airborne asbestos fiber release. An asbestos survey is therefore needed prior to building renovation or demolition to determine if asbestos products are present and need to be removed. The Occupational Safety and Health Administration (OSHA) approaches asbestos regulation from the perspective of worker exposure, resulting in a different set of guidelines for management of asbestos. Other asbestos regulatory considerations include asbestos disposal (mainly subject to disposal facility permitting) and individual state regulations, which can impose additional requirements beyond the federal statutes.

3.3 State and Federal Regulations

National Emission Standard For Hazardous Air Pollutants (NESHAP, 40 CFR Part 61) — Establishes the USEPA regulatory notification requirements and emission control practices when renovating or demolishing any institutional, commercial, public, industrial, or residential building (excluding residential buildings with four or fewer individual dwelling units).

<u>Asbestos Hazardous Emergency Response Act (AHERA, 40 CFR Part 763)</u> – Establishes the general requirements for the identification and characterization of ACM when conducting an asbestos survey. Applies primarily to schools, but provides a standardized survey procedure that is readily applicable to non-school projects.

Occupational Safety and Health Administration (OSHA) Asbestos in Construction Regulations (29 CFR 1926.1101) – Establishes the permissible occupational exposure limits and emission control practices required of those workers disturbing ACM during renovation and demolition activities.

Maryland Department of the Environment (MDE) Asbestos Licensing and Enforcement Program – Enforces the regulatory notification requirements and emission control practices established in NESHAP for renovation and demolition projects in Maryland. In addition, MDE enforces the licensing and training requirements for those business entities and individuals who perform asbestos projects in Maryland, including inspections and asbestos abatement. The notification, emission control, and licensing and training guidelines are amended in Code of Maryland Regulation (COMAR) 26.11.21.

<u>MDE Solid Waste Program</u> – Enforces the disposal requirements for asbestos-containing waste materials as amended in COMAR 26.04.07.13.

3.4 Definitions

<u>Asbestos</u> – the asbestiform varieties of chrysotile, crocidolite, amosite, anthophyllite, tremolite, and actinolite.

<u>Asbestos-Containing Material (ACM)</u> – any material or product that contains more than 1% asbestos.

<u>Homogenous Area</u> – an area of surfacing material, thermal system insulation, or miscellaneous material that is uniform in color and texture, and is known to have similar construction history.

<u>Friable ACM (defined by NESHAP)</u> – an ACM that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

<u>Category I Non-Friable ACM (defined by NESHAP)</u> – non-friable packings, gaskets, resilient floor coverings, and asphalt roofing ACMs.

<u>Category II Non-Friable ACM (defined by NESHAP)</u> – non-friable ACMs that are not Category I non-friable ACM.

<u>Regulated ACM (RACM; defined by NESHAP)</u> – consists of the following categories:

- Friable ACM.
- Category I non-friable ACM that has become friable.
- Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading.
- Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of the renovation or demolition operations.

<u>Abatement</u> – the act of elimination or reduction of ACM, including removal, repair, enclosure, and encapsulation.

<u>Positive-Stop</u> – a laboratory method in which an individual building material sample that is identified by the laboratory analysis as ACM is assumed representative of its homogenous area, and the remaining building material samples collected from the homogenous area are not analyzed.

3.5 Personnel

The Asbestos Survey was conducted on July 19 and 21, 2021 and was subject to the limitations described in *Section 1.2* of this report. Photographs taken during the Asbestos Survey are included in *Appendix B*. The Asbestos Survey was performed by EPA AHERA Inspector Patrick Deery, (Accreditation #19025721, expires July 9, 2022) and EPA AHERA Inspector Colleen McMullen (Accreditation #2000007291, expires February 28, 2021). A copy of the licensing documentation is included in *Appendix C*.

Due to the ongoing COVID-19 pandemic, and by executive order of the Governor of the State of Maryland, all licenses, permits, registrations, and other authorizations issued by the State of Maryland, any agency of the State of Maryland, or any political subdivision of the State of Maryland, including professional licenses that would otherwise expire during the state of emergency, are extended to the 30th day following the termination of the state of emergency.

3.6 Asbestos Survey Methodology

GTA personnel performed a visual survey of the subject building to identify homogenous areas of suspect ACM in accessible areas. After identifying the suspect ACMs and homogeneous areas, GTA personnel physically touched each suspect ACM to evaluate friability. GTA personnel then collected bulk samples of the suspect ACMs in general accordance with AHERA guidelines. The bulk samples were placed in polyethylene bags, assigned unique sample numbers, and then shipped (following Chain of Custody protocol) to the Scientific Analytical Institute (SAI) in Greensboro, North Carolina, for analysis. SAI, an American Industrial Hygiene Association accredited laboratory, analyzed the collected samples by Polarized Light Microscopy (PLM) with dispersion staining techniques.

3.7 Asbestos Survey Findings

GTA personnel collected 99 suspect ACM samples from 33 distinct homogeneous areas, which included:

- Roofing material;
- Floor tiles;
- Exterior window pane caulking;
- Exterior weather sealant;
- Drywall and joint compound system;
- Cove base;
- Ceiling tiles;
- Mudded Pipe Insulation; and
- Various construction mastics and sealants.

Fifty-four of the suspect ACM samples were separated into two or more individual layers by the laboratory and analyzed separately. Eighteen sample layers were not analyzed due to positive stop. Additionally, following the receipt of the initial round of sample results and based on the laboratory recommendation and GTA's professional experience, GTA requested three suspect ACM samples be analyzed by Transmission Electron Microscopy (TEM). Therefore, the laboratory analyzed a total of 143 suspect ACM sample layers. A table summarizing the results of the Asbestos Survey, including sample numbers, homogeneous area material descriptions, material condition (for ACM only), estimated quantities (for ACM only), and analytical results, is included in *Appendix D*. The SAI analysis report, including the Chain of Custody document, is included in *Appendix E*.

The laboratory analysis identified the following sampled building materials as ACM:

- Approximately 215 square feet of white 9x9 floor tiles and associated ACM black floor tile matrix in the basement hallway.
- Approximately 200 square feet of tan 9x9 floor tiles in rooms 001B and 001C
- Approximately 200 square feet of light green 9x9 floor tiles in rooms 001B and 001C
- Approximately 200 square feet of dark green 9x9 floor tiles in rooms 001B and 001C
- Approximately 100 linear feet of white pipe wrap on fiberglass insulation in the basement main mechanical room
- Gray mudded pipe thermal system insulation on approximately 50 pipe elbows observed in the basement of (but likely present throughout) the subject building
- An unknown quantity of black 9x9 floor tile present beneath carpet on the second floor
- Approximately 1,265 square feet if gray 9x9 floor tiles, present beneath carpets in the Staff Workroom (Rooms 100 and 101)
- White exterior window glazing on approximately 60 metal frame windows

Black floor tile mastic was present beneath the gray 9x9 floor tiles, and was additionally analyzed using the TEM method. Results of the TEM analysis indicated that this mastic contains approximately 0.5% chrysotile asbestos, which is not considered ACM under NESHAP.

4.0 LEAD-BASED PAINT SURVEY

4.1 History of Lead Paint

The regulation of LBP is multi-faceted. Federal agencies began recommending the use of lead in paint in the early 1900s because of the strength and corrosion resistance it added to paint. In the 1920s and 1930s, children were increasingly diagnosed with appetite suppressant type illness thought to be caused by the ingestion and inhalation of lead from deteriorating LBP surfaces in the home and chewing on toys and cribs covered with LBP. By the late 1940s, studies began to be funded to understand the hazards associated with LBP, especially in the home. In 1978, the Consumer Product Safety Commission (CPSC) banned the use of paint containing more than 0.06% lead by weight on toys and furniture, and in all residential buildings, because children and fetuses absorb lead more easily than adults due to their rapid development. Because of its corrosive resistance, LBP continues to be used elsewhere in the construction industry, including on steel structures such as bridges, fire hydrants, and ships, and on safety structures such as fire hydrants and traffic and parking lines. Adults, children, and fetuses exposed to lead can develop central nervous system, cardiovascular system, reproductive system, hematological system, and kidney illnesses.

4.2 Regulatory Overview

The USEPA and State of Maryland do not require LBP to be removed prior to renovation or demolition. LBP regulations focus primarily on managing tenant exposure for residential rental properties. LBP can typically be managed-in-place by repainting or encapsulating materials coated with chipping, peeling, or flaking paint. An owner of a dwelling unit in the State of Maryland is not subject to *COMAR 26.16.01* when performing lead hazard reduction treatments in the owner-occupied dwelling unit, or when a person performs maintenance, repair, or renovation work in an owner-occupied dwelling unit. As such, demolition or renovation activities in a non-rental unit do not require abatement. LBP waste should be disposed of in accordance with local, State, and Federal regulations.

With regard to worker safety, the OSHA Lead in Construction regulations apply to construction work where an employee may be occupationally exposed to lead. Contractors involved in renovation or demolition of LBP-containing structures should follow these and any other applicable regulations.

4.3 Federal and State Regulations

<u>NESHAP</u>, 40 <u>CFR Part 61</u> – Establishes the USEPA regulatory notification requirements and emission control practices when renovating/demolishing any institutional, commercial, public, industrial, or residential building (excluding residential buildings with four or fewer individual dwelling units).

OSHA Lead in Construction Regulations (29 CFR 1926.62) – Establishes the permissible occupational exposure limits and emission control practices required of those workers disturbing LBP/LCP during renovation/demolition activities.

<u>MDE Lead Poisoning Prevention Program</u> – Enforces the regulatory notification requirements and emission control practices for LBP/LCP projects in Maryland. In addition, enforces the accreditation and training requirements for those business entities and individuals who perform LBP projects in Maryland, including inspections and abatement. The notification, emission control, and accreditation and training guidelines are amended in COMAR 26.16.01.

<u>MDE Solid Waste Program</u> – Enforces the disposal requirements for ACM and LBP wastes as amended in COMAR 26.04.07.13.

4.4 Definitions

<u>Lead-Based Paint (LBP)</u> - any paint or other surface coating containing lead or lead in its compounds in any quantity exceeding 0.7 milligrams per square centimeter (mg/cm²) or containing lead in excess of 0.5% by weight.

4.5 Personnel

GTA representatives Mr. Sama Wanigasundara and Ms. Mikel Frater, State of Maryland LBP Inspector Technicians (License Numbers: 16257 and 17187), evaluated the building materials and surfaces with respect to potential LBP issues. The painted surfaces suspect for containing lead consisted of the following: walls, ceiling, stairway systems, rail systems, and interior and exterior door systems.

4.6 Lead Based Paint Survey Methodology

The painted surfaces were analyzed for lead using a Niton XLP-300A Spectrum Analyzer Lead Detector (Serial no. 98229), commonly referred to as an x-ray fluorescence (XRF) device. The calibration of the XRF device was checked using manufacturer-supplied lead standards, both prior to and upon completion of the LBP survey.

4.7 Lead Based Paint Survey Findings

Based on the XRF readings, the following painted surfaces are classified as LBP:

- Beige-painted drywall near the 1st floor main entrance
- Gray metal exit door frame near Work Room 101
- Beige-painted drywall/concrete on 1st and 2nd floor staircase walls
- Gray metal hand rail in basement main mechanical room
- Beige-painted concrete wall in basement men's restroom
- Blue metal exit door frame in 2nd Floor open reading space
- Gray metal ladder to roof of building, located in Room 201A
- Beige metal window and door frames in Room 202
- Gray metal exit door frame in 2nd floor open reading space
- Beige-painted concrete wall in 2nd floor women's restroom

A table summarizing the results of the lead analyses using the XRF is included in *Appendix C*. Photographs taken during the Lead Paint Survey are included in *Appendix E*.

5.0 REGULATED MATERIALS SURVEY

GTA personnel conducted a survey on July 21, 2021 to identify and inventory regulated materials, subject to the limitations described in *Section 1.2*. GTA only identified those materials that were readily observable; areas within walls or ceilings were not reviewed for regulated materials. Photographs of several items are included in *Appendix B*. An inventory with estimated quantities of regulated materials is provided as Table 2 in *Appendix D*.

The potentially regulated materials identified include those materials regulated by Maryland Department of the Environment (MDE) Oil Control Program (OCP), in addition to the Resource Conservation and Recovery Act (RCRA), Universal Waste Rule (UWR), Toxic Substances Control Act (TSCA), and Clean Air Act (CAA). Considerations that were not reviewed as part of the Regulated Materials Survey include, but are not limited to, mold, regulatory compliance, industrial hygiene, health and safety, and indoor air quality.

GTA personnel observed the following potentially regulated materials throughout the Site:

- Mercury-containing fluorescent tube bulbs and compact fluorescent bulbs
- Non-PCB containing light ballasts
- Refrigerant-containing equipment
- Compressed gas cylinders and fire extinguishers
- Liquid chemical storage
- Dry chemical storage
- Battery containing equipment

GTA personnel observed fluorescent lights and light ballasts where accessible in the subject building. As noted in *Section 1.2*, much of the lighting system was inaccessible due to height restrictions. GTA personnel additionally observed stored fluorescent light ballasts in the main mechanical room. The observed ballasts typically had labels indicating that they were free of PCBs. GTA personnel did not observe PCB-containing light ballasts in the subject building. A pad-mounted electrical transformer, suspected of containing PCBs, was observed in the basement mechanical room of the subject building. A photo of the suspect PCB-containing electrical transformer is included in *Appendix B*. Quantity estimates for the observed non-PCB ballasts and associated mercury-containing fluorescent tube bulbs are included in *Table 2*.

In addition to fluorescent light bulbs and ballasts, GTA personnel observed stored liquid chemicals located in various locations throughout the subject building, primarily including the basement main mechanical room. The majority of the stored chemical containers ranged from less than one gallon to five gallons, and included paints, solvents, detergents, adhesives, deodorizers, glazing compound, and hydraulic oil. GTA personnel additionally observed one, partially-full 55-gallon drum of propylene glycol solution in the basement main mechanical room, likely used in the library air conditioning system. Dry chemical storage was additionally observed in basement main mechanical room and consisted of two bags of setting compound.

Refrigerant-containing equipment was observed in several locations throughout the subject building, and included water fountains, refrigerators, and components associated with the library HVAC system (chiller and condenser units). A hydraulically-driven elevator is additionally present in the subject building. Hydraulic fluid for the elevator is stored in reservoir located in the basement elevator machine room.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on GTA's Asbestos Survey, the subject building contains approximately 2,080 square feet of 9x9 floor tile ACM in the basement hallway and rooms 001B, 001C, 100 and 101, approximately 215 square feet of black floor tile mastic ACM in the basement hallway, an unknown quantity of black 9x9 floor tile ACM on the second floor, white pipe wrap TSI ACM in the basement main mechanical room, gray mudded pipe elbow TSI ACM, and white exterior window glazing ACM.

Black floor tile mastic was present in Rooms 100 and 101, and was non-detect for asbestos when analyzed by PLM. When analyzed by TEM, this mastic was found to contain approximately 0.5% chrysotile asbestos, below the threshold to be considered ACM under NESHAP. While not considered ACM under NESHAP, GTA recommends that all applicable asbestos-related health and safety regulations be adhered to during removal of this floor tile mastic, including OSHA Asbestos in Construction regulations (29 CFR 1926.1101). The remainder of the asbestoscontaining floor tile mastic (215 square feet in the basement hallway) is considered ACM under NESHAP, and is discussed below.

The floor tiles and associated floor tile mastic are considered Category I non-friable ACMs. This category of ACM generally is not considered RACM under NESHAP and generally does not require abatement unless the renovation and waste management activities subject the ACM to sanding, grinding, cutting, burning, abrading, or other actions rendering them friable.

The exterior window frame caulking is considered Category II non-friable ACM. This category of ACM generally is not considered RACM under NESHAP and generally does not require abatement unless there is a high probability that renovation and waste management activities will subject the ACM to forces expected to crumble, pulverize, or reduce the material to powder during the course of the renovation or demolition operations. While this material does not presently constitute RACM, renovation activities generally would be expected to crumble, pulverize, or reduce the material to powder, at which point the material will be rendered RACM. Therefore, it would be prudent to have these materials removed by a licensed abatement contractor.

The white pipe jacket ACM and gray mudded pipe elbow ACM are considered RACM under NESHAP. These materials should be removed by a Maryland licensed asbestos abatement contractor prior to any renovation of the subject building.

If the ACMs are not removed, renovation and waste management activities should be performed in accordance with applicable federal and State regulations and guidelines (see *Sections 2.2* and *2.3*). Local agencies (e.g., Building and Health Departments) may also have regulatory guidance applicable to ACM.

Alternatively, the ACMs can be removed prior to renovation. All asbestos abatement and removal activities should be performed by a licensed asbestos abatement contractor, and wastes should be properly transported and disposed, in accordance with applicable regulations.

The painted surfaces identified to be LBP were associated with beige drywall and concrete walls in varying locations throughout the subject building, beige metal window and door frames in Room 202, gray metal exit door frames near Work Room 101 and in the 2nd floor open reading

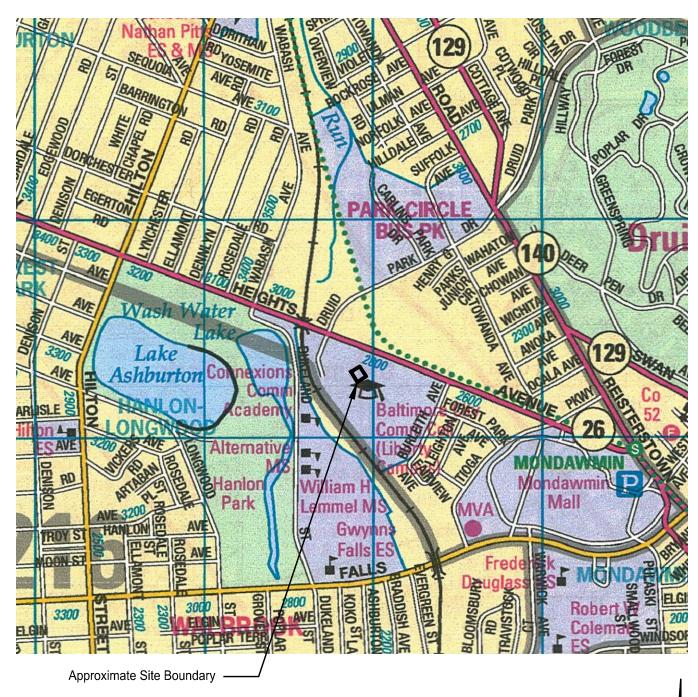
space, a blue metal exit door frame in the 2nd floor open reading space, a gray metal hand rail in the basement main mechanical room, and a gray metal ladder to the roof of the subject building, located in Room 201A. Renovation and waste management activities related to the LBP should be performed in accordance with applicable Federal and State of Maryland regulations and guidelines (see *Section 4.3*).

GTA identified regulated materials and equipment containing regulated materials at the Site. Equipment and materials that are no longer needed should be properly handled, transported, and disposed in accordance with applicable regulations.

***** END OF REPORT *****

APPENDIX A

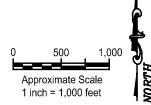
FIGURES



Notes

1. Map Copyright © ADC The Map People, (800) 829-6277

2. Permitted Use Number 031282B





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BCCC BARD LIBRARY

BALTIMORE CITY, MARYLAND

SITE LOCATION MAP

PROJECT: 31211148 DATE: July 2021

SCALE: 1" = 1,000'

DESIGN BY: PMD

REVIEW BY: KBD

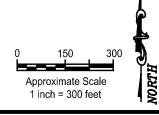
FIGURE:



Approximate Site Boundary -

Notes

1. Base image obtained from Google Earth (©2021 Google).





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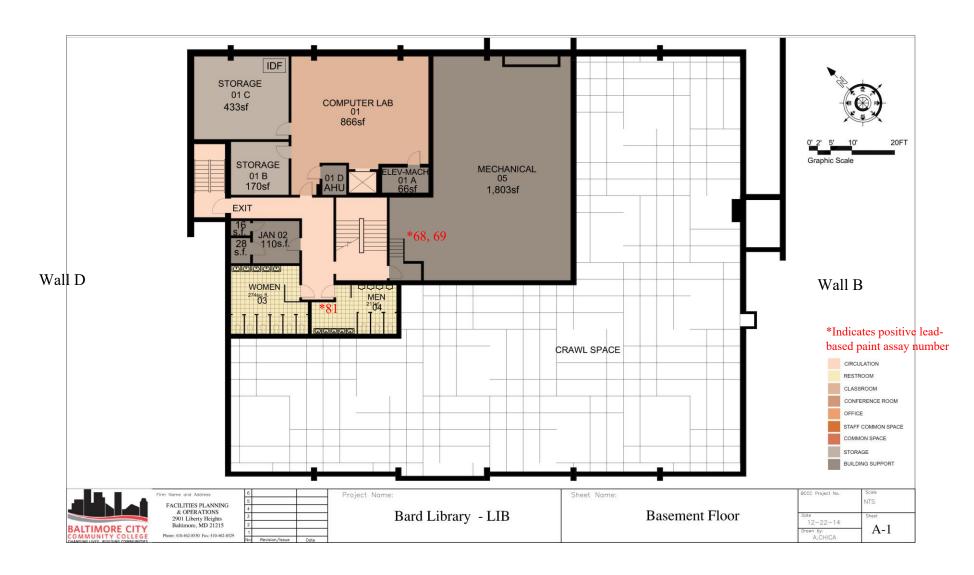
BCCC BARD LIBRARY

BALTIMORE CITY, MARYLAND

2019 AERIAL PHOTOGRAPH

PROJECT: 31211148 DATE: July 2021 SCALE: 1" = 300' DESIGN BY: PMD REVIEW BY: KBD FIGURE:

Wall A



Wall A



Wall A



APPENDIX B SITE PHOTOGRAPHS



Photo 1: View of the Baltimore City Community College (BCCCC) Bard Library (the "subject building").



Photo 2: View of typical interior finishing materials in the basement main mechanical room of the subject building.



Photo 3: View of typical interior finishing materials on the first floor of the subject building.



Photo 4: View of typical interior finishing materials on the second floor of the subject building.



Photo 5: View of white 9x9 floor tile and associated black floor tile mastic (148-9) asbestos containing materials (ACMs) in the basement of the subject building.



Photo 7: View of light green 9x9 floor tile ACM (148-11) and associated non-ACM floor tile mastic in the basement of the subject building.



Photo 6: View of tan 9x9 floor tile ACM (148-10) and associated non-ACM floor tile mastic.



Photo 8: View of dark green 9x9 floor tile ACM (148-12) and associated non-ACM floor tile mastic in the basement of the subject building.



<u>Photo 9:</u> View of white pipe wrap ACM (148-14) on fiberglass pipe insulation in the basement main mechanical room.



Photo 10: View of mudded pipe elbow thermal system insulation (TSI) ACM in the basement of the subject building.



Photo 11: View of mixed floor tile matrix on second floor of the subject building.



Photo 12: Additional view of mixed floor tile matrix on the second floor of the subject building.



Photo 13: View of white exterior window glaze ACM (148-28) on the exterior of the subject building.



<u>Photo 14:</u> View of gray lead-based paint (LBP) on a hand rail in the basement mechanical room of the subject building.

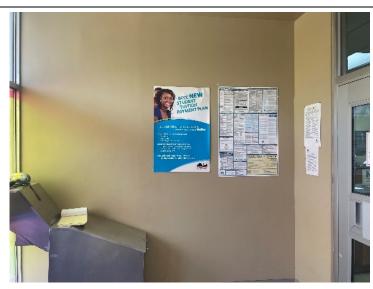


Photo 15: View of tan/beige LBP in the main entrance to the first floor of the subject building.



Photo 16: View of gray LBP on emergency exit door frame near first floor work room (room 101)



Photo 17: View of tan LBP on metal door frame to room 102.

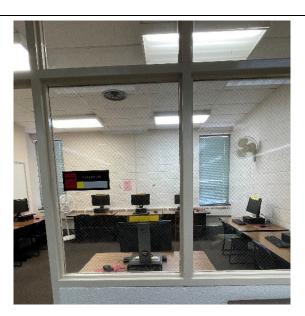


Photo 19: View of beige LBP on metal door and window frames associated with room 202.



Photo 18: View of tan/beige LBP on concrete/drywall walls associated with the subject building staircase.



Photo 20: View of tan LBP on concrete wall in the second floor women's restroom.



<u>Photo 17:</u> View of suspect polychlorinated biphenyl (PCB) containing pad-mounted electrical transformer in the basement main mechanical room of the subject building.



<u>Photo 18:</u> View of partially-full 55-gallon drum of propylene glycol solution in basement main mechanical room of the subject building.



Photo 19: View of household cleaners in a cabinet in first floor work room (room 101).



<u>Photo 20:</u> View of non-PCB containing fluorescent light ballast, stored on shelves in the basement main mechanical room.

APPENDIX C GTA INSPECTOR TRAINING/ LICENSING DOCUMENTATION

Results

Maryland Asbestos Accreditation Exam

Certificate Number: AIR09302020-3

First Name: Patrick Last Name: Deery

Address: 14280 Park Center Drive Suit

City: Laurel State: MD Zip: 20707



According to our records this test was completed on: **7/9/2021**

We administered the following asbestos certification exam: Inspector

Your Results

Score: **94**%

Congratulations you have passed your Maryland asbestos accreditation exam. This document and your training certificate will serve as a temporary license until you receive your official license in the mail. Prior to issuing a license, MDE will verify all necessary information and submitted documents. necessary information and submitted documents.

Thank you for taking the Maryland asbestos accreditation exam. If you have any concerns or questions about the exam, including how to collect your photo ID, please direct them to the Maryland Department of the environment at (410) 537-3200.

Issued	Ву	
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AEROSOL MONITORING & ANALYSIS, INC.

This is to certify that PATRICK DEERY

has met the attendance requirements and successfully completed the course entitled

4-HOUR EPA ASBESTOS INSPECTOR REFRESHER

For Accreditation Under TSCA Title II

1331 Ashton Road

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Hanover, MD 21076

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F: 410-684-3724

www.amatraining.com

AEROSOL MONITORING & ANALYSIS, INC.

This is to certify that

COLLEEN MCMULLEN

has met the attendance requirements and successfully completed the course entitled

4-HOUR EPA ASBESTOS INSPECTOR REFRESHER

For Accreditation Under TSCA Title II

02/28/2020

Course Date

02/28/2020 **Exam Date**

2/28/2021 **Expiration Date** DAVID TRUMAN Principal Instructor Jarit Trunas

6. Rush Barnett

AIR02282020-18

Certification No.

VAAIR02282020-18

Virginia Certification No.

E. Rush Barnett

Course Director

Asbestos License



Colleen McMullen



Signature

Inspector Review Course Title

2000007291

Exam Date: 03/05/2020

Course Date: 02/28/2020 Exp Date: 02/28/2021

STATE OF MARYLAND

Hanover, MD 21076

www.amatraining.com

P: 410-684-3327

F: 410-684-3724

THIS IS TO CERTIFY THAT Don Samappriya Wanigasundara

HAS MET THE LEAD PAINT SERVICES ACCREDITATION REQUIREMENTS FOR

Inspector Technician

EXPIRATION DATE 01, 04, 2023

Aerosol Monitoring & Analysis,

TRAINING PROVIDER Inc.

COURSE DATE 07, 27, 2020

ADMINISTRATOR, LEAD PAINT ACCREDITATION MARYLAND DEPARTMENT OF THE ENVIRONMENT

DATE

STATE OF MARYLAND

16257 Certificate # ___

Application for reaccreditation shall be submitted to MDE 60 days prior to accreditation expiration indicated on this certificate.

THIS IS TO CERTIFY THAT Mikal Anissa Frater

HAS MET THE LEAD PAINT SERVICES ACCREDITATION REQUIREMENTS FOR

Inspector Technician

EXPIRATION DATE 09, 13, 2022

Aerosol Monitoring & Analysis,

TRAINING PROVIDER Inc.

COURSE DATE 09 08 2020

ADMINISTRATOR, LEAD PAINT ACCREDITATION
MARYLAND DEPARTMENT OF THE ENVIRONMENT

DATE

STATE OF MARYLAND

Certificate # 17187

Application for reaccreditation shall be submitted to MDE 60 days prior to accreditation expiration indicated on this certificate.

APPENDIX D TABLES

GTA Sample	Homogenous Area	Homogenous Area						
Number	Description	Location	% and Type of Asbestos	Condition and Friability	Estimated Quantity			
148-1-1	Tan, 12x12, Speckled Floor Tile & Associated Mastic- Floor Tile		NAD					
140-1-1	Tan, 12x12, Speckled Floor Tile & Associated Mastic- Mastic		NAD					
148-1-2	Tan, 12x12, Speckled Floor Tile & Associated Mastic- Floor Tile	Inside 1st Floor at Main Entrance	NAD					
140-1-2	Tan, 12x12, Speckled Floor Tile & Associated Mastic- Mastic	inside 1st Floor at Main Entrance	NAD					
148-1-3	Tan, 12x12, Speckled Floor Tile & Associated Mastic- Floor Tile		NAD					
146-1-3	Tan, 12x12, Speckled Floor Tile & Associated Mastic- Mastic		NAD					
148-2-1	Gray Brown, 12x12, Speckled Floor Tile & Associated Mastic- Floor Tile		NAD					
140-2-1	Gray Brown, 12x12, Speckled Floor Tile & Associated Mastic- Mastic		NAD					
140.2.2	Gray Brown, 12x12, Speckled Floor Tile & Associated Mastic- Floor Tile	Inside 1st Floor at Main Entrance	NAD					
148-2-2	Gray Brown, 12x12, Speckled Floor Tile & Associated Mastic- Mastic	miside 1st 11001 at Main Entrance	NAD					
140.2.2	Gray Brown, 12x12, Speckled Floor Tile & Associated Mastic- Floor Tile		NAD					
148-2-3	Gray Brown, 12x12, Speckled Floor Tile & Associated Mastic- Mastic		NAD					
440.2.4	Red, 12x12, Speckled Floor Tile & Associated Mastic- Floor Tile		NAD					
148-3-1	Red, 12x12, Speckled Floor Tile & Associated Mastic- Mastic		NAD					
440.2.2	Red, 12x12, Speckled Floor Tile & Associated Mastic- Floor Tile	ciated Mastic- Mastic Inside 1st Floor at Main Entrance	NAD					
148-3-2	Red, 12x12, Speckled Floor Tile & Associated Mastic- Mastic		NAD					
140.2.2	Red, 12x12, Speckled Floor Tile & Associated Mastic- Floor Tile		NAD					
148-3-3	Red, 12x12, Speckled Floor Tile & Associated Mastic- Mastic		NAD					
148-4-1			NAD					
148-4-2	White, 2x4, Ceiling Tile w/Pinholes & Gouges	Throughout First and Second Floor Interior	NAD					
148-4-3			NAD					
148-5-1	Gray 4" Cove Base & Associated Mastic- Cove Base		NAD					
146-5-1	Gray 4" Cove Base & Associated Mastic- Mastic		NAD					
148-5-2	Gray 4" Cove Base & Associated Mastic- Cove Base	Throughout First and Second Floor Interior	NAD					
140-5-2	Gray 4" Cove Base & Associated Mastic- Mastic	Throughout First and Second Floor interior	NAD					
148-5-3	Gray 4" Cove Base & Associated Mastic- Cove Base		NAD					
140-5-5	Gray 4" Cove Base & Associated Mastic- Mastic		NAD					
148-6-1			NAD					
148-6-2	White Drywall & Joint Compound System	Throughout First and Second Floor Interior	NAD					
148-6-3			NAD					
148-7-1	Yellow/Tan, 12x12, Floor Tile & Associated Mastic- Floor Tile		NAD					
146-7-1	Yellow/Tan, 12x12, Floor Tile & Associated Mastic- Mastic		NAD					
148-7-2	Yellow/Tan, 12x12, Floor Tile & Associated Mastic- Floor Tile	In Second Floor Restrooms	NAD					
140-7-2	Yellow/Tan, 12x12, Floor Tile & Associated Mastic- Mastic	ווו ספנטווט רוטטו אפגנוטטוווג	NAD					
148-7-3	Yellow/Tan, 12x12, Floor Tile & Associated Mastic- Floor Tile		NAD					
140-7-3	Yellow/Tan, 12x12, Floor Tile & Associated Mastic- Mastic		NAD					



GTA Sample	Homogenous Area	% and Type of	For ACM Only		
Number	Description	Location	Asbestos	Condition and Friability	Estimated Quantity
140.0.1	Yellow 4" Cove Base & Associated Mastic- Cove Base		NAD		
148-8-1	Yellow 4" Cove Base & Associated Mastic- Mastic	1	NAD		
140.03	Yellow 4" Cove Base & Associated Mastic- Cove Base	In Second Floor Restrooms	NAD		
148-8-2	Yellow 4" Cove Base & Associated Mastic- Mastic	in Second Floor Restrooms	NAD		
140.03	Yellow 4" Cove Base & Associated Mastic- Cove Base	1	NAD NAD		
148-8-3	Yellow 4" Cove Base & Associated Mastic- Mastic	1	NAD		
110.0.1	White, 9x9, Floor Tile & Associated Mastic- Floor Tile		6% Chrysotile	% Chrysotile	
148-9-1	White, 9x9, Floor Tile & Associated Mastic- Mastic	1	5% Chrysotile		
440.0.0	White, 9x9, Floor Tile & Associated Mastic- Floor Tile	1	Positive Stop		245.05
148-9-2	White, 9x9, Floor Tile & Associated Mastic- Mastic	- Basement Hallway	Positive Stop	Nonfriable/Good	215 SF
440.0.0	White, 9x9, Floor Tile & Associated Mastic- Floor Tile	1	Positive Stop	1	
148-9-3	White, 9x9, Floor Tile & Associated Mastic- Mastic	1	Positive Stop	1	
	Tan, 9x9, Streaked Floor Tile & Associated Mastic- Floor Tile		3% Chrysotile	p Nonfriable/Good	
148-10-1	Tan, 9x9, Streaked Floor Tile & Associated Mastic- Mastic	1	NAD		
	Tan, 9x9, Streaked Floor Tile & Associated Mastic- Floor Tile	Basement Rooms 001B & 001C ^[1]	Positive Stop		
148-10-2	Tan, 9x9, Streaked Floor Tile & Associated Mastic- Mastic	Basement Rooms 001B & 001C ¹¹	NAD		200 SF
	Tan, 9x9, Streaked Floor Tile & Associated Mastic- Floor Tile	-	Positive Stop		
148-10-3	Tan, 9x9, Streaked Floor Tile & Associated Mastic- Mastic	1	NAD	1	
	Light Green, 9x9, Streaked Floor Tile & Associated Mastic- Floor Tile		5% Chrysotile		
148-11-1	Light Green, 9x9, Streaked Floor Tile & Associated Mastic- Mastic	1	NAD		
	Light Green, 9x9, Streaked Floor Tile & Associated Mastic- Floor Tile		Positive Stop	1	200 SF
148-11-2	Light Green, 9x9, Streaked Floor Tile & Associated Mastic- Mastic	Basement Rooms 001B & 001C ^[1]	NAD .	Nonfriable/Good	
	Light Green, 9x9, Streaked Floor Tile & Associated Mastic- Floor Tile	1	Positive Stop	1	
148-11-3	Light Green, 9x9, Streaked Floor Tile & Associated Mastic- Mastic	1	NAD	1	
440.40.4	Dark Green, 9x9, Streaked Floor Tile & Associated Mastic- Floor Tile		5% Chrysotile		
148-12-1	Dark Green, 9x9, Streaked Floor Tile & Associated Mastic- Mastic	1	NAD	1	
440.40.0	Dark Green, 9x9, Streaked Floor Tile & Associated Mastic- Floor Tile		Positive Stop		202.55
148-12-2	Dark Green, 9x9, Streaked Floor Tile & Associated Mastic- Mastic	Basement Rooms 001B & 001C ^[1]	NAD	Nonfriable/Good	200 SF
	Dark Green, 9x9, Streaked Floor Tile & Associated Mastic- Floor Tile	1	Positive Stop	1	
148-12-3	Dark Green, 9x9, Streaked Floor Tile & Associated Mastic- Mastic	1	NAD	1	
140 40 4	Black 4" Cove Base & Associated Mastic- Cove Base		NAD		
148-13-1	Black 4" Cove Base & Associated Mastic- Mastic	1	NAD		
140 40 0	Black 4" Cove Base & Associated Mastic- Cove Base	1	NAD		
148-13-2	Black 4" Cove Base & Associated Mastic- Mastic	Throughout Basement of Subject Building	NAD		
110.12.2	Black 4" Cove Base & Associated Mastic- Cove Base	1	NAD		
148-13-3	Black 4" Cove Base & Associated Mastic- Mastic	1	NAD		



GTA Sample	Homogenous Area		% and Type of	For ACM Onl	у
Number	Description	Location	Asbestos	Condition and Friability	Estimated Quantity
148-14-1		In Basement Main Mechanical Room. on	2% Chrysotile		
148-14-2	White Pipe Wrap w/embedded Sealant Compound	Fiberglass Pipe Insulation	Positive Stop	Friable/Good	100 LF
148-14-3		Tiberglass Fipe insulation	Positive Stop		
148-15-1		Observed in Basement, Likely Present	70% Chrysotile		
148-15-2	Gray Mudded Pipe Elbow TSI	throughout Subject Building	Positive Stop	Friable/Good	50 Elbows
148-15-3		tinoughout Subject Bullung	Positive Stop		
148-16-1			NAD		
148-16-2	Brown Mastic on Black 4" Cove Base	Basement Hallway	NAD		
148-16-3			NAD		
148-17-1			NAD		
148-17-2	White, 2x2, Ceiling Tile w/Pinholes	Basement Room 001	NAD		
148-17-3			NAD		
148-18-1			NAD		
148-18-2	White Drywall System	Throughout Basement of Subject Building	NAD		
148-18-3			NAD		
148-19-1		Above Drop Ceiling Throughout Subject	NAD		
148-19-2	White Seam Sealant on Silver Duct Insulation	Building	NAD		
148-19-3		Building	NAD		
148-20-1			NAD		
148-20-2	Yellow Carpet Mastic	Throughout First and Second Floor Interior	NAD		
148-20-3			NAD		
	Black, 9x9, Floor Tile & Associated Mastic- Floor Tile		3% Chrysotile		
148-21-1	Black, 9x9, Floor Tile & Associated Mastic- Mastic		NAD		
	Black, 9x9, Floor Tile & Associated Mastic- Leveling Compound		NAD		
	Black, 9x9, Floor Tile & Associated Mastic- Floor Tile	Second Floor of Library, Beneath Carpeting	Positive Stop	Nonfriable/Good	Quantity
148-21-2	Black, 9x9, Floor Tile & Associated Mastic- Mastic	Second Floor of Library, Beneath Carpeting	NAD	Noninable/Good	Unknown ^[2]
	Black, 9x9, Floor Tile & Associated Mastic- Leveling Compound		NAD		
148-21-3	Black, 9x9, Floor Tile & Associated Mastic- Floor Tile		Positive Stop		
140-21-3	Black, 9x9, Floor Tile & Associated Mastic- Mastic		NAD		
148-22-1	White, 12x12, Floor Tile w/Blue Streaks & Associated Mastic- Floor Tile		NAD		
140-22-1	White, 12x12, Floor Tile w/Blue Streaks & Associated Mastic- Mastic		NAD		
148-22-2	White, 12x12, Floor Tile w/Blue Streaks & Associated Mastic- Floor Tile	Cocond Floor of Library Donasth Corneting	NAD		
148-22-2	White, 12x12, Floor Tile w/Blue Streaks & Associated Mastic- Mastic	Second Floor of Library, Beneath Carpeting	NAD		
149 22 2	White, 12x12, Floor Tile w/Blue Streaks & Associated Mastic- Floor Tile]	NAD		
148-22-3	White, 12x12, Floor Tile w/Blue Streaks & Associated Mastic- Mastic	1	NAD		



GTA Sample	Homogenous Area		% and Type of	For ACM Onl	у
GTA Sample Number	Description	Location	% and Type of Asbestos	Condition and Friability	Estimated Quantity
148-23-1	White, 9x9, Floor Tile w/Blue Streaks & Associated Mastic- Floor Tile		NAD		
140-23-1	White, 9x9, Floor Tile w/Blue Streaks & Associated Mastic- Mastic	7	NAD		
	Militar O.O. Floor Tile or / Dive Charaka O. Accessing d Marchia Floor Tile [4]		NAD		
148-23-2	White, 9x9, Floor Tile w/Blue Streaks & Associated Mastic- Floor Tile ^[4]	Second Floor of Library, Beneath Carpeting	NAD		
	White, 9x9, Floor Tile w/Blue Streaks & Associated Mastic- Mastic	Second Floor of Library, Berleath Carpeting	NAD		
148-23-3	White, 9x9, Floor Tile w/Blue Streaks & Associated Mastic- Floor Tile		NAD		
	White, 9x9, Floor Tile w/Blue Streaks & Associated Mastic- Mastic	7	NAD		
148-24-1			NAD		
148-24-2	Gray Leveling Compound		NAD		
148-24-3			NAD		
148-25-1	Teal, 9x9, Floor Tile & Associated Mastic- Floor Tile	7	NAD		
146-25-1	Teal, 9x9, Floor Tile & Associated Mastic- Mastic		NAD		
140.25.2	Teal, 9x9, Floor Tile & Associated Mastic- Floor Tile	Second Floor of Library, Beneath Carpeting	NAD		
148-25-2	Teal, 9x9, Floor Tile & Associated Mastic- Mastic		NAD		
148-25-3	Teal, 9x9, Floor Tile & Associated Mastic- Floor Tile ^[4]		NAD NAD		
	Teal, 9x9, Floor Tile & Associated Mastic- Mastic		NAD		
110.05.1	Gray Floor Tile & Associated Mastic (Indeterminate Size)- Floor Tile		NAD		
148-26-1	Gray Floor Tile & Associated Mastic (Indeterminate Size)- Mastic	1	NAD		
440.26.2	Gray Floor Tile & Associated Mastic (Indeterminate Size)- Floor Tile	1	NAD		
148-26-2	Gray Floor Tile & Associated Mastic (Indeterminate Size)- Mastic	1	NAD		
440.26.2	Gray Floor Tile & Associated Mastic (Indeterminate Size)- Floor Tile	7	NAD		
148-26-3	Gray Floor Tile & Associated Mastic (Indeterminate Size)- Mastic	7	NAD		
	Gray, 9x9, Floor Tile & Associated Mastics- Yellow Mastic		NAD		
148-27-1	Gray, 9x9, Floor Tile & Associated Mastics- Floor Tile		NAD		
	Gray, 9x9, Floor Tile & Associated Mastics- Mixed Mastics	7	NAD		
	Gray, 9x9, Floor Tile & Associated Mastics- Yellow Mastic		NAD		
148-27-2	Gray, 9x9, Floor Tile & Associated Mastics- Floor Tile	Barrach Corrects in 1st Flagr Staff Worldware	NAD		
	Gray, 9x9, Floor Tile & Associated Mastics- Mixed Mastics	Beneath Carpets in 1st Floor Staff Workroom	NAD	Nonfriable/Good	1,265 SF
	Gray, 9x9, Floor Tile & Associated Mastics- Yellow Mastic	(Room 100 & 101)	NAD		
148-27-3	Gray, 9x9, Floor Tile & Associated Mastics- Floor Tile ^[4]		NAD 36% Chrysotile]	
	Gray, 9x9, Floor Tile & Associated Mastics- Mixed Mastics ^[4]	-	NAD	-	
	<i>r</i> ·		0.5% Chrysotile		
148-28-1	Milita Futanian Wile days Clarica	On Martal Library Miller January	2% Chrysotile	Naufwiahla/D	CO W/!
148-28-2	White Exterior Window Glazing	On Metal Library Windows	Positive Stop	Nonfriable/Damaged	60 Window
148-28-3		Positive Stop		l	



GTA Sample	Homogenous Area		% and Type of	For ACM Onl	у
Number	Description	Location	Asbestos	Condition and Friability	Estimated Quantity
148-29-1					
148-29-2	Black Waterproofing around Base of Building	Around Perimeter of Building			
148-29-3					
148-30-1	Black Asphalt Roofing Matrix- Surface Tar				
140-30-1	Black Asphalt Roofing Matrix- Roofing Felt				
148-30-2	Black Asphalt Roofing Matrix- Surface Tar	Cubicat Building Doction Matrix [3]			
140-30-2	Black Asphalt Roofing Matrix- Roofing Felt	Subject Building Roofing Matrix ^[3]			
148-30-3	Black Asphalt Roofing Matrix- Surface Tar				
148-30-3	Black Asphalt Roofing Matrix- Roofing Felt				
148-31-1					
148-31-2	Large Black Asphalt Roofing Shingles	At base of AHU Roof Penetrations			
148-31-3					
148-32-1					
148-32-2	Black Roof Flashing Tar	Flashing Tar around Perimeter of Roof			
148-32-3					
148-33-1					
148-33-2	Black Roofing Penetration Tar	Roofing Tar around AHU Penetrations			
148-33-3					

Notes:

This table is only to be used in conjunction with the report for which it was prepared. See the report text for background information, assumptions, limitations, etc.

All quantities are to be considered approximate. Reliance on such estimates for abatement, removal, demolition, or similar bidding or planning purposes is at the sole risk of the user.

LF= linear feet SF= Square Feet NAD = No Asbestos Detected PACM = Presumed Asbestos-Containing Material



^{[1] =} The tan, light green, and dark green 9x9 floor tiles and associated mastic were observed in a decorative pattern within the same area of the subject building. The total area of these ACMs amounts to approximately 600 square feet of floor tiles in rooms 001B & 001C

^{[2] =} A floor tile matrix consisting of a mixture of 12"x12" floor tiles, 9"x9" floor tiles, and floor tiles of an unknown size, all of which were covered by carpeting and associated carpet mastic was present on the 2nd floor of the subject building. The extent of this floor tile matrix could not be evaluated in a nondestructive manner, which limited GTA's observations of the subject building.

^{[3] =} The full thickness of the asphalt roofing matrix on the subject building could not be assessed in a nondestructive manner, therefore the base layers of the roof were not evaluated for suspect ACMs.

^{[4] =} Sample analyzed via transmission electron microscopy (TEM) analysis, following receipt of initial results. TEM analyses were performed on the basis of past professional experience with similar materials.

Deading No.	Commonant	Cubatuata	C: d c	Condition	Calan	Flaar	D	Danulta	XRF Reading
Reading No.	Component	Substrate	Side	Condition	Color	Floor	Room	Results	(mg/cm ²)
1			CPS						1.77 (CPS)
2			CALIBRATE					Positive	0.9
3			CALIBRATE					Positive	0.8
4			CALIBRATE					Positive	1
5	WALL	DRYWALL	Α	INTACT	BEIGE/TAN	FIRST	ENTRANCE	Positive	2.2
6	WALL	DRYWALL	В	INTACT	BEIGE/TAN	FIRST	ENTRANCE	Positive	2.2
7	WALL	DRYWALL	D	INTACT	BEIGE/TAN	FIRST	ENTRANCE	Positive	1.3
8	CEILING	DRYWALL	UPPER	INTACT	BEIGE/TAN	FIRST	ENTRANCE	Negative	0
9	WALL	CONCRETE	С	INTACT	BEIGE/TAN	FIRST	OPEN AREA	Negative	0
10	RADIATOR COVER	METAL	С	INTACT	BEIGE/TAN	FIRST	OPEN AREA	Negative	0.01
	RADIATOR COVER	METAL	С	INTACT	BEIGE/TAN	FIRST	OPEN AREA	Negative	0
12	COLUMN	CONCRETE	D	INTACT	BEIGE/TAN	FIRST	INFO DESK	Negative	0.02
13	AIR INTAKE FRAME	METAL	D	INTACT	BEIGE/TAN	FIRST	INFO DESK	Negative	0.03
14	DOOR FRAME	METAL	D	INTACT	BROWN	FIRST	INFO DESK	Negative	0.5
	WALL	DRYWALL	С	INTACT	BEIGE/TAN	FIRST	WORK ROOM	Negative	0
16	WALL	DRYWALL	D	INTACT	BEIGE/TAN	FIRST	WORK ROOM	Negative	0
17	RADIATOR	METAL	D	INTACT	BEIGE/TAN	FIRST	WORK ROOM	Negative	0
18	DOOR FRAME	METAL	D	INTACT	BEIGE/TAN	FIRST	WORK ROOM	Negative	0.4
19	EXIT DOOR FRAME	METAL	D	INTACT	GREY	FIRST	NEAR WORK ROOM	Positive	1.4
20	COLUMN	CONCRETE	Α	INTACT	BEIGE/TAN	FIRST	OPEN AREA	Negative	0.01
21	COLUMN	CONCRETE	Α	INTACT	BEIGE/TAN	FIRST	OPEN AREA	Negative	0.02
22	WINDOW FRAME	METAL	Α	INTACT	BEIGE/TAN	FIRST	STUDY ROOM 107	Negative	0
23	DOOR FRAME	METAL	Α	INTACT	BEIGE/TAN	FIRST	STUDY ROOM 107	Negative	0
24	EXIT DOOR	METAL	С	INTACT	GREY	FIRST	STUDY ROOM 107	Negative	0
	EXIT DOOR FRAME	METAL	С	INTACT	GREY	FIRST	STUDY ROOM 107	Negative	0.3
	WALL	DRYWALL	D	INTACT	BEIGE/TAN	FIRST	CONFERENCE ROOM 104	Negative	0
	WALL	DRYWALL	Α	INTACT	BEIGE/TAN	FIRST	CONFERENCE ROOM 104	Negative	0
	DOOR ELEVATOR	METAL	С	INTACT	BROWN	FIRST	OPEN AREA	Negative	0.23
	DOOR ELEVATOR FRAME	METAL	С	INTACT	BROWN	FIRST	OPEN AREA	Negative	0.24
	WALL	DRYWALL	Α	INTACT	BEIGE/TAN	FIRST	STAIRCASE	Positive	1.8
31	WALL	CONCRETE	В	INTACT	BEIGE/TAN	FIRST	STAIRCASE	Positive	1.7
32	WALL	CONCRETE	D	INTACT	BEIGE/TAN	FIRST	STAIRCASE	Positive	1.5
33	WALL	CONCRETE	С	INTACT	BEIGE/TAN	FIRST	STAIRCASE	Positive	2.3
34	FLOOR AT STAIRCASE	CONCRETE	С	INTACT	BEIGE/TAN	FIRST	STAIR	Negative	0



Reading No.	Component	Substrate	Side	Condition	Color	Floor	Room	Results	XRF Reading
Reading No.	Component	Substrate	Side	Condition	Coloi	FIOOI	KOOIII	Results	(mg/cm ²)
35	WALL	CONCRETE	Α	INTACT	TAN	FIRST	OPEN STUDY 100	Negative	0.05
36	WALL	CONCRETE	D	INTACT	TAN	FIRST	OPEN STUDY 100	Negative	0.06
37	WALL	CONCRETE	D	INTACT	BEIGE/TAN	FIRST	102	Negative	0.01
38	WALL	CONCRETE	Α	INTACT	BEIGE/TAN	FIRST	102	Negative	0.05
39	DOOR FRAME	METAL	С	INTACT	BEIGE/TAN	FIRST	102A	Negative	0.3
40	WALL	CONCRETE	С	INTACT	BEIGE/TAN	FIRST	102A	Negative	0.08
41	WALL	CONCRETE	В	INTACT	BEIGE/TAN	FIRST	102A	Negative	0.02
42	DOOR FRAME	METAL	D	INTACT	BEIGE/TAN	FIRST	102	Positive	1
43	DOOR FRAME	METAL	Α	INTACT	BEIGE/TAN	FIRST	103	Negative	0.4
44	WALL	CONCRETE	Α	INTACT	BEIGE/TAN	FIRST	103	Negative	0.02
45	WALL	DRYWALL	D	INTACT	BEIGE/TAN	FIRST	103	Negative	0.03
46	WALL	CONCRETE	В	INTACT	BEIGE/TAN	FIRST	NO NUMBER - BY 104	Negative	0.06
47	WALL	DRYWALL	Α	INTACT	BEIGE/TAN	FIRST	NO NUMBER - BY 104	Negative	0
48	WALL	CONCRETE	В	INTACT	BEIGE/TAN	FIRST	105	Negative	0.06
49	WALL	CONCRETE	С	INTACT	BEIGE/TAN	FIRST	105	Negative	0
50	DOOR FRAME	METAL	В	INTACT	BEIGE/TAN	FIRST	105	Negative	0
51	DOOR FRAME	METAL	В	INTACT	BEIGE/TAN	FIRST	106	Negative	0
52	WALL	CONCRETE	В	INTACT	BEIGE/TAN	FIRST	106	Negative	0.02
53	WALL	DRYWALL	С	INTACT	BEIGE/TAN	FIRST	106	Negative	0
54	WALL	DRYWALL	С	INTACT	BEIGE/TAN	FIRST	108	Negative	0
55	WALL	CONCRETE	В	INTACT	BEIGE/TAN	FIRST	108	Negative	0.04
	DOOR FRAME	METAL	В	INTACT	BEIGE/TAN	FIRST	108	Negative	0
	WALL	CONCRETE	С	INTACT	BEIGE/TAN	FIRST	OPEN STUDY 100A	Negative	0.02
58	WALL	CONCRETE	В	INTACT	BEIGE/TAN	FIRST	OPEN STUDY 100A	Negative	0.01
59	WALL	DRYWALL	Α	INTACT	BEIGE/TAN	FIRST AND SE	STAIRCASE	Positive	2
60	WALL	CONCRETE	D	INTACT	BEIGE/TAN	FIRST	STAIRCASE	Negative	0.01
61	FLOOR	CONCRETE	LOWER	PEELING	RED	BASEMENT	MECHANICAL	Negative	0
	FLOOR	CONCRETE	LOWER	PEELING	RED	BASEMENT	MECHANICAL	Negative	0
	WALL	CONCRETE	Α	INTACT	BEIGE/TAN	BASEMENT	MECHANICAL	Negative	0
	WALL	CONCRETE	В	INTACT	BEIGE/TAN	BASEMENT	MECHANICAL	Negative	0
	COLUMN	CONCRETE	В	INTACT	BEIGE/TAN	BASEMENT	MECHANICAL	Negative	0
	CHILLER FRAME	METAL	В	INTACT	GREEN	BASEMENT	MECHANICAL	Negative	0
	RISER	CONCRETE	С	INTACT	BEIGE/TAN	BASEMENT	MECHANICAL	Negative	0
68	HANDRAIL	METAL	С	INTACT	GREY	BASEMENT	MECHANICAL	Positive	6.4
69	HANDRAIL	METAL	С	INTACT	GREY	BASEMENT	MECHANICAL	Positive	9.3



Reading No.	Component	Substrate	Side	Condition	Color	Floor	Room	Results	XRF Reading (mg/cm²)
70	MAIN BREAKER CLOSET	METAL	С	INTACT	GREY	BASEMENT	MECHANICAL	Negative	0
71	AHU	METAL	D	INTACT	GREY	BASEMENT	MECHANICAL	Negative	0
72	EXIT DOOR	METAL	Α	INTACT	GREY	BASEMENT	MECHANICAL	Negative	0.07
73	EXIT DOOR FRAME	METAL	Α	INTACT	GREY	BASEMENT	MECHANICAL	Negative	0.07
74	AHU PAD	CONCRETE	Α	INTACT	RED	BASEMENT	MECHANICAL	Negative	0
75	WALL	CONCRETE	С	INTACT	WHITE	BASEMENT	COMPUTER ROOM	Negative	0.02
76	WALL	CONCRETE	С	INTACT	WHITE	BASEMENT	COMPUTER ROOM	Negative	0
77	DOOR FRAME	CONCRETE	D	INTACT	WHITE	BASEMENT	COMPUTER ROOM	Negative	0
78	WALL	CONCRETE	Α	INTACT	BLUE	BASEMENT	STORAGE 01C	Negative	0.01
79	ELEVATOR DOOR	METAL	Α	INTACT	WHITE	BASEMENT	STORAGE 01C	Negative	0.28
80	ELEVATOR DOOR FRAME	METAL	Α	INTACT	WHITE	BASEMENT	STORAGE 01C	Negative	0.3
81	WALL	CONCRETE	Α	INTACT	BEIGE/TAN	BASEMENT	MEN'S RESTROOM	Positive	1.6
82	WALL	CONCRETE	С	INTACT	BEIGE/TAN	BASEMENT	MEN'S RESTROOM	Negative	0.05
83	WALL	CONCRETE	D	INTACT	BEIGE/TAN	BASEMENT	WOMEN'S RESTROOM	Negative	0.08
84	WALL	CONCRETE	С	INTACT	BEIGE/TAN	BASEMENT	WOMEN'S RESTROOM	Negative	0.16
85	DOOR FRAME	METAL	D	INTACT	BEIGE/TAN	BASEMENT	WOMEN'S RESTROOM	Negative	0.4
86	DOOR FRAME	METAL	В	INTACT	BEIGE/TAN	BASEMENT	MEN'S RESTROOM	Negative	0.13
87	DOOR FRAME	METAL	D	INTACT	GREY	BASEMENT	001B	Negative	0
88	WALL	DRYWALL	Α	INTACT	WHITE	BASEMENT	001B	Negative	0
89	WALL	CONCRETE	С	INTACT	WHITE	BASEMENT	001A	Negative	0
90	WALL	CONCRETE	В	INTACT	WHITE	BASEMENT	001A	Negative	0
91	DOOR FRAME	METAL	С	INTACT	GREY	BASEMENT	001A	Negative	0.3
92	WALL	CONCRETE	С	INTACT	BEIGE/TAN	SECOND	OPEN READING AREA	Negative	0.04
93	WALL	CONCRETE	D	INTACT	BEIGE/TAN	SECOND	OPEN READING AREA	Negative	0.02
94	COLUMN	CONCRETE	D	INTACT	BEIGE/TAN	SECOND	OPEN READING AREA	Negative	0.08
95	COLUMN	CONCRETE	D	INTACT	BEIGE/TAN	SECOND	OPEN READING AREA	Negative	0.04
96	COLUMN	CONCRETE	D	INTACT	BEIGE/TAN	SECOND	OPEN READING AREA	Negative	0.04
97	DOOR EXIT	METAL	С	INTACT	BLUE	SECOND	OPEN READING AREA	Negative	0
98	EXIT DOOR FRAME	METAL	Α	INTACT	BLUE	SECOND	OPEN READING AREA	Positive	0.7
99	EXIT DOOR FRAME	METAL	С	INTACT	BLUE	SECOND	OPEN READING AREA	Positive	0.7
100	LADDER TO ROOF	METAL	Α	INTACT	GREY	SECOND	201A JANITOR	Positive	4.3
101	CEILING	CONCRETE	Α	INTACT	BEIGE/TAN	SECOND	201B TOILET	Negative	0
102	RADIATOR COVER	METAL	С	INTACT	BEIGE/TAN	SECOND	202	Negative	0
103	WINDOW SILL	METAL	С	INTACT	BLACK	SECOND	202	Negative	0
104	DOOR FRAME	METAL	С	INTACT	BEIGE/TAN	SECOND	202	Positive	1.1



Reading No.	Component	Substrate	Side	Condition	Color	Floor	Room	Results	XRF Reading (mg/cm ²)
405	WINDOW FDANAF			INITAGE	DELCE /TANK	CECOND	202	D 'A'	
105	WINDOW FRAME	METAL	C	INTACT	BEIGE/TAN	SECOND	202	Positive	0.8
106	WINDOW FRAME	METAL	C	INTACT	BEIGE/TAN	SECOND	202	Positive	0.7
107	WINDOW FRAME	METAL	С	INTACT	BEIGE/TAN	SECOND	203	Negative	0.4
108	DOOR FRAME	METAL	С	INTACT	BEIGE/TAN	SECOND	203	Negative	0.5
109	DOOR FRAME	METAL	С	INTACT	BEIGE/TAN	SECOND	204	Negative	0.5
110	WALL	DRYWALL	Α	INTACT	WHITE	SECOND	205	Negative	0.04
111	EXIT DOOR FRAME	METAL	С	INTACT	GREY	SECOND	OPEN READING AREA	Positive	8.0
112	EXIT DOOR	METAL	С	INTACT	GREY	SECOND	OPEN READING AREA	Negative	0
113	DOOR FRAME	METAL	D	INTACT	BEIGE/TAN	SECOND	201	Negative	0.4
114	DOOR FRAME	METAL	В	INTACT	BEIGE/TAN	SECOND	WOMEN'S RESTROOM	Negative	0.4
115	DOOR FRAME	METAL	D	INTACT	BEIGE/TAN	SECOND	MEN'S RESTROOM	Negative	0.5
116	WALL	CONCRETE	В	INTACT	BEIGE/TAN	SECOND	WOMEN'S RESTROOM	Positive	1.3
117	WALL	CONCRETE	Α	INTACT	BEIGE/TAN	SECOND	WOMEN'S RESTROOM	Negative	0.11
118	WALL	CONCRETE	D	INTACT	BEIGE/TAN	SECOND	MEN'S RESTROOM	Negative	0.08
119	WALL	CONCRETE	Α	INTACT	BEIGE/TAN	SECOND	MEN'S RESTROOM	Negative	0.08
120			CALIBRATE					Positive	1.4
121			CALIBRATE					Positive	1
122			CALIBRATE					Positive	0.9

Notes:

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Values in red and bolded represent readings which meet or exceed the definition of Lead-based paint (0.7 mg/cm²), as defined by the MDE.



TABLE 3 REGULATED MATERIALS INVENTORY

Material Type	Description	Estimated Quantity	Notes
	Fluorescent Light Tubes- Straight ^[1]	1,650	Present throughout the subject building
Mercury	Fluorescent Bulbs- Other	50	Observed on shelves or in boxes in the basement main mechanical room
Ballasts	Fluorescent Light Ballasts (Non-PCB) ^[2]	1,100	Associated with in-use fluorescent lights, ballasts were also observed stored on shelves in the main mechanical room
PCRs	Transformers (Non-PCB)	1	One suspect PCB-containing transformer was observed in the basement main mechanical room. A photo of the suspect PCB-
PCBs	Transformers (Suspect PCB-containing)	1	containing transformer is included in Appendix B.
Refrigerants	Small Refrigerators, Water Fountains, A/C Units	3	Includes two water fountains and one refrigerator
Kerrigerants	Building HVAC System	1	Includes chiller and condenser units
Liquid Chemicals	Paints, Oils, Grease, Solvents, Cleaners, Adhesives, and Deodorizers	30 Containers (Varying Sizes)	Includes 55-gallon drum of propylene glycol solution, 20 containers of household cleaners, three 1-gallon containers of glazing compound, and one 5-gallon bucket of hydraulic oil.
·	Miscellaneous Liquid Chemicals	1 Hydraulic Elevator	Including the capacity of the elevator hydraulic system
Dry Chemicals	Miscellaneous Dry Chemicals	45 pounds	Includes two bags of settling compound
Compressed Gas Cylinders	Fire Extinguishers	10	Present throughout the subject building
Batteries	Batteries and Battery-Containing Equipment	10	Includes emergency signs, emergency lights, and wall clocks present throughout the subject building

Notes:

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All quantities are to be considered approximate. Reliance on such estimates for abatement, removal, demolition, or similar bidding or planning purposes is at the sole risk of the user.

^{[2] =} The observed light ballasts included labels indicating that they did not contain PCBs. If ballasts are encountered during Site redevelopment activities which do not have labels indicating PCB status, those ballasts should be assumed to contain PCBs.



^{[1] =} The majority of the observed building lighting (in excess of 90%) appeared to use T5/T8 fluorescent tube bulbs. Minor quantities of other lighting types may be present in the subject building. Bulb quantity assumes 2-4 bulbs per light fixture.

APPENDIX E CHAIN OF CUSTODY DOCUMENTATION AND LABORATORY RESULTS



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E





Customer: Geo-Technology Associates

14280 Park Center Drive Laurel, Md 20707

Project: 31211148 Attn: Patrick Deery

Lab Order ID: 71971079

Analysis ID: 71971079 PLM

Date Received: 7/24/2021 Date Reported: 8/4/2021

Sample ID	Description	A ab actor	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
148-1-1 - A	Tan 12x12 Speckled Floor tile & Associated Mastic	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971079PLM_1	tile				Crushed, Dissolved
148-1-1 - B	Tan 12x12 Speckled Floor tile & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_100	mastic				Dissolved
148-1-2 - A	Tan 12x12 Speckled Floor tile & Associated Mastic	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971079PLM_2	tile				Crushed, Dissolved
148-1-2 - B	Tan 12x12 Speckled Floor tile & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_101	mastic				Dissolved
148-1-3 - A	Tan 12x12 Speckled Floor tile & Associated Mastic	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971079PLM_3	tile				Crushed, Dissolved
148-1-3 - B	Tan 12x12 Speckled Floor tile & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_102	mastic				Dissolved
148-2-1 - A	Gray Brown 12x12 Speckled Floor tile & Associated Mastic	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971079PLM_4	tile				Crushed, Dissolved
148-2-1 - B	Gray Brown 12x12 Speckled Floor tile & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_103	mastic				Dissolved

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Heather Davide (158)

Analyst



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Sample ID	Description	Ashastas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
148-2-2 - A	Gray Brown 12x12 Speckled Floor tile & Associated Mastic	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971079PLM_5	tile				Crushed, Dissolved
148-2-2 - B	Gray Brown 12x12 Speckled Floor tile & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_104	mastic				Dissolved
148-2-3 - A	Gray Brown 12x12 Speckled Floor tile & Associated Mastic	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971079PLM_6	tile				Crushed, Dissolved
148-2-3 - B	Gray Brown 12x12 Speckled Floor tile & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_105	mastic				Dissolved
148-3-1 - A	Red 12x12 Speckled Floor tile & Associated Mastic	None Detected		100% Other	Red Non Fibrous Homogeneous
71971079PLM_7	tile				Crushed, Dissolved
148-3-1 - B	Red 12x12 Speckled Floor tile & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_106	mastic				Dissolved
148-3-2 - A	Red 12x12 Speckled Floor tile & Associated Mastic	None Detected		100% Other	Red Non Fibrous Homogeneous
71971079PLM_8	tile				Crushed, Dissolved
148-3-2 - B	Red 12x12 Speckled Floor tile & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_107	mastic				Dissolved

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Lab Order ID: 71971079

Analysis ID: 71971079 PLM

Date Received: 7/24/2021 Date Reported: 8/4/2021

Lab Sample ID Lab Notes Asbestos Components Red 12x12 Speckled Floor tile & Associated Mastic None Detected 100% Other	Red Non Fibrous
1/8-3-3 - A & Associated Mastic	
None Detected 100% Other	Homogeneous
71971079PLM_9 tile	Crushed, Dissolved
Red 12x12 Speckled Floor tile & Associated Mastic None Detected 100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_108 mastic	Dissolved
White 2x4 Ceiling Tile w/Pinholes & Gouges None Detected 45% Cellulose 45% Fiber Glass 3% Other	Gray, White Fibrous Heterogeneous
71971079PLM_10	Teased, Crushed
White 2x4 Ceiling Tile w/Pinholes & Gouges None Detected 45% Cellulose 45% Fiber Glass 3% Other	Gray, White Fibrous Heterogeneous
71971079PLM_11	Teased, Crushed
White 2x4 Ceiling Tile w/Pinholes & Gouges None Detected 45% Cellulose 7% Perlite 3% Other	Gray, White Fibrous Heterogeneous
71971079PLM_12	Teased, Crushed
148-5-1 - A Gray 4" Cove Base & Associated Mastic None Detected 100% Other	Gray Non Fibrous Homogeneous
71971079PLM_13	Crushed, Ashed
148-5-1 - B Gray 4" Cove Base & Associated Mastic None Detected 100% Other	Cream Non Fibrous Homogeneous
71971079PLM_109 mastic	Dissolved
148-5-2 - A Gray 4" Cove Base & Associated Mastic None Detected 100% Other	Gray Non Fibrous Homogeneous
71971079PLM_14	Crushed, Ashed

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Analysis ID: 71971079 PLM

Date Received: 7/24/2021 **Date Reported:** 8/4/2021

Sample ID	Description	A aboutou	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
148-5-2 - B	Gray 4" Cove Base & Associated Mastic	None Detected		100% Other	Cream Non Fibrous Homogeneous
71971079PLM_110	mastic				Dissolved
148-5-3 - A	Gray 4" Cove Base & Associated Mastic	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971079PLM_15	cove base				Crushed, Ashed
148-5-3 - B	Gray 4" Cove Base & Associated Mastic	None Detected		100% Other	Cream Non Fibrous Homogeneous
71971079PLM_111	mastic				Dissolved
148-6-1	White Drywall System	None Detected	10% Cellulose	90% Other	Gray, White Non Fibrous Heterogeneous
71971079PLM_16	- drywall: none detect; joint compnd: none detect				Crushed
148-6-2	White Drywall System	None Detected	10% Cellulose	90% Other	Gray, White Non Fibrous Heterogeneous
71971079PLM_17	drywall: none detect; joint compnd: none detect				Crushed
148-6-3	White Drywall System	None Detected	10% Cellulose	90% Other	Gray, White Non Fibrous Heterogeneous
71971079PLM_18	- drywall: none detect; joint compnd: none detect				Crushed
148-7-1 - A	Yellow-tan 12x12 Floor Tile & Associated Mastic	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971079PLM_19	tile				Crushed, Dissolved
148-7-1 - B	Yellow-tan 12x12 Floor Tile & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_112	mastic				Dissolved
	-			-	

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Heather Davide (158)

Analyst

P-F-002 r15 1/16/2021



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E





Customer: Geo-Technology Associates

14280 Park Center Drive Laurel, Md 20707

Project: 31211148 Attn: Patrick Deery

Lab Order ID: 71971079

Analysis ID: 71971079 PLM

Date Received: 7/24/2021 Date Reported: 8/4/2021

Sample ID	Description	A ala anta a	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
148-7-2 - A	Yellow-tan 12x12 Floor Tile & Associated Mastic	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971079PLM_20	tile				Crushed, Dissolved
148-7-2 - B	Yellow-tan 12x12 Floor Tile & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_113	mastic				Dissolved
148-7-3 - A	Yellow-tan 12x12 Floor Tile & Associated Mastic	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971079PLM_21	tile				Crushed, Dissolved
148-7-3 - B	Yellow-tan 12x12 Floor Tile & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_114	mastic				Dissolved
148-8-1 - A	Yellow 4" Cove Base & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_22	cove base				Crushed, Ashed
148-8-1 - B	Yellow 4" Cove Base & Associated Mastic	None Detected		100% Other	Cream Non Fibrous Homogeneous
71971079PLM_115	mastic				Dissolved
148-8-2 - A	Yellow 4" Cove Base & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_23	cove base				Crushed, Ashed
148-8-2 - B	Yellow 4" Cove Base & Associated Mastic	None Detected		100% Other	Cream Non Fibrous Homogeneous
71971079PLM_116	mastic				Dissolved

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Analysis ID: 71971079 PLM

Date Received: 7/24/2021 **Date Reported:** 8/4/2021

Description	A abostos	Fibrous	Non-Fibrous	Attributes
Lab Notes	Aspestos	Components	Components	Treatment
Yellow 4" Cove Base & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
cove base				Crushed, Ashed
Yellow 4" Cove Base & Associated Mastic	None Detected		100% Other	Cream Non Fibrous Homogeneous
mastic				Dissolved
White 9x9 Speckled Floor Tile & Associated Mastic	6% Chrysotile		94% Other	Gray Non Fibrous Homogeneous
tile				Crushed, Dissolved
White 9x9 Speckled Floor Tile & Associated Mastic	5% Chrysotile		95% Other	Black Non Fibrous Homogeneous
mastic				Dissolved
White 9x9 Speckled Floor Tile & Associated Mastic	Not Analyzed			
tile				
White 9x9 Speckled Floor Tile & Associated Mastic	Not Analyzed			
mastic				
White 9x9 Speckled Floor Tile & Associated Mastic	Not Analyzed			
tile	-			
White 9x9 Speckled Floor Tile & Associated Mastic	Not Analyzed			
mastic				
A C NA NE NE NE NE NE NE	Yellow 4" Cove Base & Associated Mastic Yellow 4" Cove Base & Associated Mastic Yellow 4" Cove Base & Associated Mastic Mastic White 9x9 Speckled Floor Tile & Associated Mastic Mastic White 9x9 Speckled Floor Tile & Associated Mastic Mastic White 9x9 Speckled Floor Tile & Associated Mastic Mastic White 9x9 Speckled Floor Tile & Associated Mastic Mastic White 9x9 Speckled Floor Tile & Associated Mastic Mastic White 9x9 Speckled Floor Tile & Associated Mastic Mastic White 9x9 Speckled Floor Tile & Associated Mastic Mastic White 9x9 Speckled Floor Tile & Associated Mastic	Asbestos Yellow 4" Cove Base & Associated Mastic Yellow 4" Cove Base & Associated Mastic None Detected None	Asbestos Components Asbestos Components Asbestos Components Asbestos Components Associated Mastic None Detected None	Asbestos Components Components

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Heather Davide (158)

Analyst

P-F-002 r15 1/16/2021



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Lab Order ID: 71971079

Analysis ID: 71971079 PLM

Date Received: 7/24/2021 Date Reported: 8/4/2021

*	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment
148-10-1 - A	Tan 9x9 Streaked Floor Tile & Associated Mastic	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
71971079PLM_28	tile				Crushed, Dissolved
148-10-1 - B	Tan 9x9 Streaked Floor Tile & Associated Mastic	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_121	mastic				Dissolved
148-10-2 - A	Tan 9x9 Streaked Floor Tile & Associated Mastic	Not Analyzed			
71971079PLM_29	tile				
148-10-2 - B	Tan 9x9 Streaked Floor Tile & Associated Mastic	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_122	mastic				Dissolved
148-10-3 - A	Tan 9x9 Streaked Floor Tile & Associated Mastic	Not Analyzed			
71971079PLM_30	tile				
148-10-3 - B	Tan 9x9 Streaked Floor Tile & Associated Mastic	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_123	mastic				Dissolved
148-11-1 - A	Light Green 9x9 Floor Tile & Associated Mastic	5% Chrysotile		95% Other	Olive Non Fibrous Homogeneous
71971079PLM_31	tile				Crushed, Dissolved
148-11-1 - B	Light Green 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_124	mastic				Dissolved

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Analysis ID: 71971079 PLM

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Sample ID	Description	Ashastas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
148-11-2 - A	Light Green 9x9 Floor Tile & Associated Mastic	Not Analyzed			
71971079PLM_32	tile				
148-11-2 - B	Light Green 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_125	mastic				Dissolved
148-11-3 - A	Light Green 9x9 Floor Tile & Associated Mastic	Not Analyzed			
71971079PLM_33	tile				
148-11-3 - B	Light Green 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_126	mastic				Dissolved
148-12-1 - A	Dark Green 9x9 Floor Tile & Associated Mastic	5% Chrysotile		95% Other	Green Non Fibrous Homogeneous
71971079PLM_34	tile				Crushed, Dissolved
148-12-1 - B	Dark Green 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_127	mastic				Dissolved
148-12-2 - A	Dark Green 9x9 Floor Tile & Associated Mastic	Not Analyzed			
71971079PLM_35	tile	·			
148-12-2 - B	Dark Green 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_128	mastic				Dissolved
i	!				

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Customer: Geo-Technology Associates

14280 Park Center Drive Laurel, Md 20707

Project: 31211148 Attn: Patrick Deery **Lab Order ID:** 71971079

> **Analysis ID:** 71971079 PLM

Date Received: 7/24/2021 Date Reported: 8/4/2021

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asucsius	Components	Components	Treatment
148-12-3 - A	Dark Green 9x9 Floor Tile & Associated Mastic	Not Analyzed			
71971079PLM_36	tile				
148-12-3 - B	Dark Green 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_129	mastic				Dissolved
148-13-1 - A	Black 4" Cove Base & Associated Mastic	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_37	cove base				Crushed, Ashed
148-13-1 - B	Black 4" Cove Base & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_130	mastic				Dissolved
148-13-2 - A	Black 4" Cove Base & Associated Mastic	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_38	cove base				Crushed, Ashed
148-13-2 - B	Black 4" Cove Base & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_131	mastic				Dissolved
148-13-3 - A	Black 4" Cove Base & Associated Mastic	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_39	cove base				Crushed, Ashed
148-13-3 - B	Black 4" Cove Base & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_132	mastic				Dissolved

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Heather Davide (158)

Analyst



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E





Customer: Geo-Technology Associates

14280 Park Center Drive Laurel, Md 20707

Project: 31211148 Attn: Patrick Deery

Lab Order ID: 71971079

Analysis ID: 71971079 PLM

Date Received: 7/24/2021 Date Reported: 8/4/2021

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
148-14-1	White Seam Sealant on Fiberglass Pipe Insulation	2% Chrysotile	90% Cellulose	8% Other	White, Beige Fibrous Heterogeneous
71971079PLM_40	wrap with embedded compound				Teased, Ashed
148-14-2	White Seam Sealant on Fiberglass Pipe Insulation	Not Analyzed			
71971079PLM_41					
148-14-3	White Seam Sealant on Fiberglass Pipe Insulation	Not Analyzed			
71971079PLM_42					
148-15-1	White Mudded Pipe Elbow TSI	70% Chrysotile	20% Cellulose	10% Other	Gray, White Fibrous Heterogeneous
71971079PLM_43					Teased, Crushed
148-15-2	White Mudded Pipe Elbow TSI	Not Analyzed			
71971079PLM_44					
148-15-3	White Mudded Pipe Elbow TSI	Not Analyzed			
71971079PLM_45					
148-16-1	Brown Mastic on Black 4" Cove Base	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971079PLM_46	1				Dissolved
148-16-2	Brown Mastic on Black 4" Cove Base	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971079PLM_47					Dissolved

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Analyst



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14280 Park Center Drive Laurel, Md 20707

Project: 31211148 Attn: Patrick Deery

Lab Order ID: 71971079

Analysis ID: 71971079 PLM

Date Received: 7/24/2021 Date Reported: 8/4/2021

Sample ID	Description	A albaataa	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
148-16-3	Brown Mastic on Black 4" Cove Base	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971079PLM_48					Dissolved
148-17-1	White 2x2 Ceiling Tile w/Pinholes	None Detected	45% Cellulose 45% Fiber Glass	7% Perlite 3% Other	Gray, White Fibrous Heterogeneous
71971079PLM_49					Teased, Crushed
148-17-2	White 2x2 Ceiling Tile w/Pinholes	None Detected	45% Cellulose 45% Fiber Glass	7% Perlite 3% Other	Gray, White Fibrous Heterogeneous
71971079PLM_50	1				Teased, Crushed
148-17-3	White 2x2 Ceiling Tile w/Pinholes	None Detected	45% Cellulose 45% Fiber Glass	7% Perlite 3% Other	Gray, White Fibrous Heterogeneous
71971079PLM_51					Teased, Crushed
148-18-1	White Drywall System	None Detected	10% Cellulose 5% Fiber Glass	85% Other	Gray, White Non Fibrous Heterogeneous
71971079PLM_52	drywall: none detect; joint compnd: none detect		370 Tibel Glass		Crushed
148-18-2	White Drywall System	None Detected	10% Cellulose 5% Fiber Glass	85% Other	Gray, White Non Fibrous Heterogeneous
71971079PLM_53	drywall: none detect; joint compnd: none detect		270 2300 2300		Crushed
148-18-3	White Drywall System	None Detected	10% Cellulose 5% Fiber Glass	85% Other	Gray, White Non Fibrous Heterogeneous
71971079PLM_54	drywall: none detect; joint compnd: none detect		3/0 FIDE GIASS		Crushed
148-19-1	White Seam Sealant on Silver Duct Insulation	None Detected		100% Other	White Non Fibrous Homogeneous
71971079PLM_55					Crushed, Ashed

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14280 Park Center Drive Laurel, Md 20707

Project: 31211148 Attn: Patrick Deery

Lab Order ID: 71971079

Analysis ID: 71971079 PLM

Date Received: 7/24/2021 Date Reported: 8/4/2021

Sample ID	Description	Ashastas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
148-19-2	White Seam Sealant on Silver Duct Insulation	None Detected		100% Other	White Non Fibrous Homogeneous
71971079PLM_56					Crushed, Ashed
148-19-3	White Seam Sealant on Silver Duct Insulation	None Detected		100% Other	White Non Fibrous Homogeneous
71971079PLM_57					Crushed, Ashed
148-20-1	Yellow Carpet Mastic	None Detected		100% Other	Cream Non Fibrous Homogeneous
71971079PLM_58					Dissolved
148-20-2	Yellow Carpet Mastic	None Detected		100% Other	Cream Non Fibrous Homogeneous
71971079PLM_59					Dissolved
148-20-3	Yellow Carpet Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_60					Dissolved
148-21-1 - A	Black 9x9 Floor Tile & Associated Mastic	3% Chrysotile		97% Other	Black Non Fibrous Homogeneous
71971079PLM_61	tile				Crushed, Dissolved
148-21-1 - B	Black 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_133	mastic				Dissolved
148-21-1 - C	Black 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71971079PLM_134	leveling				Crushed

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Heather Davide (158)

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14280 Park Center Drive Laurel, Md 20707

Project: 31211148 Attn: Patrick Deery

Lab Order ID: 71971079

Analysis ID: 71971079 PLM

Date Received: 7/24/2021 Date Reported: 8/4/2021

Sample ID	Description	A ab actor	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
148-21-2 - A	Black 9x9 Floor Tile & Associated Mastic	Not Analyzed			
71971079PLM_62	tile				
148-21-2 - B	Black 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_135	mastic				Dissolved
148-21-2 - C	Black 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71971079PLM_136	leveling				Crushed
148-21-3 - A	Black 9x9 Floor Tile & Associated Mastic	Not Analyzed			
71971079PLM_63	tile				
148-21-3 - B	Black 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_137	mastic				Dissolved
148-22-1 - A	White 12x12 Floor Tilew/Blue Streaks & Associated Mastic	None Detected		100% Other	White Non Fibrous Homogeneous
71971079PLM_64	tile				Crushed, Dissolved
148-22-1 - B	White 12x12 Floor Tilew/Blue Streaks & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_138	mastic				Dissolved
148-22-2 - A	White 12x12 Floor Tilew/Blue Streaks & Associated Mastic	None Detected		100% Other	White Non Fibrous Homogeneous
71971079PLM_65	tile				Crushed, Dissolved

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Customer: Geo-Technology Associates

14280 Park Center Drive Laurel, Md 20707

Project: 31211148 Attn: Patrick Deery **Lab Order ID:** 71971079

> **Analysis ID:** 71971079 PLM

Date Received: 7/24/2021 Date Reported: 8/4/2021

Sample ID	Description	Ashastas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
148-22-2 - B	White 12x12 Floor Tilew/Blue Streaks & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_139	mastic				Dissolved
148-22-3 - A	White 12x12 Floor Tilew/Blue Streaks & Associated Mastic	None Detected		100% Other	White Non Fibrous Homogeneous
71971079PLM_66	tile				Crushed, Dissolved
148-22-3 - B	White 12x12 Floor Tilew/Blue Streaks & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_140	mastic				Dissolved
148-23-1 - A	White 9x9 Floor Tile w/Blue Streaks & Associated Mastic	None Detected		100% Other	White Non Fibrous Homogeneous
71971079PLM_67	tile				Crushed, Dissolved
148-23-1 - B	White 9x9 Floor Tile w/Blue Streaks & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_141	mastic				Dissolved
148-23-2 - A	White 9x9 Floor Tile w/Blue Streaks & Associated Mastic	None Detected		100% Other	White Non Fibrous Homogeneous
71971079PLM_68	tile				Crushed, Dissolved
148-23-2 - B	White 9x9 Floor Tile w/Blue Streaks & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_142	mastic				Dissolved
148-23-3 - A	White 9x9 Floor Tile w/Blue Streaks & Associated Mastic	None Detected		100% Other	White Non Fibrous Homogeneous
71971079PLM_69	tile				Crushed, Dissolved

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Project: 31211148 Attn: Patrick Deery **Lab Order ID:** 71971079

> **Analysis ID:** 71971079 PLM

Date Received: 7/24/2021 Date Reported: 8/4/2021

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment
148-23-3 - B	White 9x9 Floor Tile w/Blue Streaks & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_143	mastic				Dissolved
148-24-1	Gray Leveling Compound	None Detected		100% Other	Gray, Yellow Non Fibrous Homogeneous
71971079PLM_70					Crushed, Dissolved
148-24-2	Gray Leveling Compound	None Detected		100% Other	Gray, Yellow Non Fibrous Homogeneous
71971079PLM_71					Crushed, Dissolved
148-24-3	Gray Leveling Compound	None Detected		100% Other	Gray, Yellow Non Fibrous Homogeneous
71971079PLM_72					Crushed, Dissolved
148-25-1 - A	Teal 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Blue, Green Non Fibrous Homogeneous
71971079PLM_73	tile				Crushed, Dissolved
148-25-1 - B	Teal 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_144	mastic				Dissolved
148-25-2 - A	Teal 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Blue, Green Non Fibrous Homogeneous
71971079PLM_74	tile				Crushed, Dissolved
148-25-2 - B	Teal 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_145	mastic				Dissolved

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Heather Davide (158)

Analyst

P-F-002 r15 1/16/2021



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E





Customer: Geo-Technology Associates

14280 Park Center Drive Laurel, Md 20707

Project: 31211148 Attn: Patrick Deery

Lab Order ID: 71971079

Analysis ID: 71971079 PLM

Date Received: 7/24/2021 Date Reported: 8/4/2021

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment
148-25-3 - A	Teal 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Blue, Green Non Fibrous Homogeneous
71971079PLM_75	tile				Crushed, Dissolved
148-25-3 - B	Teal 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_146	mastic				Dissolved
148-26-1 - A	Gray Floor Tile & Associated Mastics	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971079PLM_76	tile				Ashed
148-26-1 - B	Gray Floor Tile & Associated Mastics	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_147	mastic				Dissolved
148-26-2 - A	Gray Floor Tile & Associated Mastics	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971079PLM_77	tile				Ashed
148-26-2 - B	Gray Floor Tile & Associated Mastics	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_148	mastic				Dissolved
148-26-3 - A	Gray Floor Tile & Associated Mastics	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971079PLM_78	tile				Ashed
148-26-3 - B	Gray Floor Tile & Associated Mastics	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_149	mastic				Dissolved

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P-F-002 r15 1/16/2021



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Project: 31211148 Attn: Patrick Deery

Lab Order ID: 71971079

Analysis ID: 71971079 PLM

Date Received: 7/24/2021 Date Reported: 8/4/2021

Sample ID	Description	Ashastas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
148-27-1 - A	Gray 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_79	yellow mastic				Dissolved
148-27-1 - B	Gray 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971079PLM_150	tile				Crushed, Ashed
148-27-1 - C	Gray 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Yellow, Black Non Fibrous Homogeneous
71971079PLM_151	mixed mastics				Dissolved
148-27-2 - A	Gray 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_80	yellow mastic				Dissolved
148-27-2 - B	Gray 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971079PLM_152	tile				Ashed
148-27-2 - C	Gray 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Yellow, Black Non Fibrous Homogeneous
71971079PLM_153	mixed mastics				Dissolved
148-27-3 - A	Gray 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971079PLM_81	yellow mastic				Dissolved
148-27-3 - B	Gray 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971079PLM_154	tile				Ashed

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Attn: Patrick Deery I

Lab Order ID: 71971079

Analysis ID: 71971079 PLM

Date Received: 7/24/2021 **Date Reported:** 8/4/2021

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment
148-27-3 - C	Gray 9x9 Floor Tile & Associated Mastic	None Detected		100% Other	Yellow, Black Non Fibrous Homogeneous
71971079PLM_155	mixed mastics				Dissolved
148-28-1	White Exterior Window Glazing	2% Chrysotile		98% Other	Gray Non Fibrous Homogeneous
71971079PLM_82					Crushed
148-28-2	White Exterior Window Glazing	Not Analyzed			
71971079PLM_83					
148-28-3	White Exterior Window Glazing	Not Analyzed			
71971079PLM_84					
148-29-1	Black Exterior Waterproofing around Base of Building	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_85					Crushed, Dissolved
148-29-2	Black Exterior Waterproofing around Base of Building	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_86					Crushed, Dissolved
148-29-3	Black Exterior Waterproofing around Base of Building	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_87					Crushed, Dissolved
148-30-1 - A	Black Asphalt Roofing Matrix	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_88	roofing				Crushed, Dissolved
		-		-	-

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Analyst

P-F-002 r15 1/16/2021

Heather Davide (158)

That have



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E





Customer: Geo-Technology Associates

14280 Park Center Drive Laurel, Md 20707

Project: 31211148 Attn: Patrick Deery **Lab Order ID:** 71971079

> **Analysis ID:** 71971079 PLM

Date Received: 7/24/2021 Date Reported: 8/4/2021

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment
148-30-1 - B	Black Asphalt Roofing Matrix	None Detected	90% Cellulose	8% Perlite 2% Other	Brown Fibrous Heterogeneous
71971079PLM_156	insulation				Teased, Crushed
148-30-2 - A	Black Asphalt Roofing Matrix	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_89	roofing				Crushed, Dissolved
148-30-2 - B	Black Asphalt Roofing Matrix	None Detected	90% Cellulose	8% Perlite 2% Other	Brown Fibrous Heterogeneous
71971079PLM_157	insulation				Teased, Crushed
148-30-3 - A	Black Asphalt Roofing Matrix	None Detected		100% Other	Black Non Fibrous Homogeneous
71971079PLM_90	roofing				Crushed, Dissolved
148-30-3 - B	Black Asphalt Roofing Matrix	None Detected	90% Cellulose	8% Perlite 2% Other	Brown Fibrous Heterogeneous
71971079PLM_158	insulation				Teased, Crushed
148-31-1	Black Asphalt Roofing Shingles	None Detected	5% Fiber Glass	95% Other	Black, Gray Non Fibrous Homogeneous
71971079PLM_91					Crushed, Dissolved
148-31-2	Black Asphalt Roofing Shingles	None Detected	5% Fiber Glass	95% Other	Black, Gray Non Fibrous Homogeneous
71971079PLM_92					Crushed, Dissolved
148-31-3	Black Asphalt Roofing Shingles	None Detected	5% Fiber Glass	95% Other	Black, Gray Non Fibrous Homogeneous
71971079PLM_93					Crushed, Dissolved

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Analyst

P-F-002 r15 1/16/2021

Heather Davide (158) Approved Signatory



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Lab Order ID: 71971079

Analysis ID: 71971079 PLM

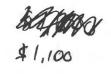
Date Received: 7/24/2021 Date Reported: 8/4/2021

Sample ID	Description	A shootes	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
148-32-1	Black Flashing Tar around Perimeter of Roof	None Detected	15% Cellulose	85% Other	Black Non Fibrous Homogeneous
71971079PLM_94					Crushed, Dissolved
148-32-2	Black Flashing Tar around Perimeter of Roof	None Detected	15% Cellulose	85% Other	Black Non Fibrous Homogeneous
71971079PLM_95					Crushed, Dissolved
148-32-3	Black Flashing Tar around Perimeter of Roof	None Detected	15% Cellulose	85% Other	Black Non Fibrous Homogeneous
71971079PLM_96					Crushed, Dissolved
148-33-1	Black Roofing Tar around Roof Penetrations	None Detected	20% Cellulose	80% Other	Black Non Fibrous Homogeneous
71971079PLM_97					Crushed, Dissolved
148-33-2	Black Roofing Tar around Roof Penetrations	None Detected	20% Cellulose	80% Other	Black Non Fibrous Homogeneous
71971079PLM_98					Crushed, Dissolved
148-33-3	Black Roofing Tar around Roof Penetrations	None Detected	20% Cellulose	80% Other	Black Non Fibrous Homogeneous
71971079PLM_99					Crushed, Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Heather Davide (158)

Analyst



Client:	Geo-Technology Associates, Inc.	*Instructions:	
Contact:	Patrick Deery	Use Column "B" for your contact info	
Address:	14280 Park Center Drive, Laurel, Mo	20707	
Phone:	2404496309	To See an Example Click the	
Fax:	N/A	bottom Example Tab.	- 0-1.0-7.0
Email:	pdeery@gtaeng.com		71971079
1000		Enter samples between "<<" and ">>"	
Project:	31211148	Begin Samples with a "<< "above the first sample	Scientific
		and end with a ">>" below the last sample.	Analytical
Client Notes:	Positive Stop on all samples	Only Enter your data on the first sheet "Sheet1"	Institute
P.O. #.	31211148	Note: Data 1 and Data 2 are optional	4604 Dundas Drive
Date Submitted:	7/23/2021 0:00	fields that do not show up on the official	Greensboro, NC 27407
		report, however they will be included	Phone: 336.292.3888
Analysis:	PLM Bulk: EPA 600	in the electronic data returned to you	Fax: 336.292.3313
TurnAroundTime:	5-Day TRT	to facilitate your reintegration of the report data.	Email: lab@sailab.com

Sample Number	Data 1	Sample Description	Data 2	
<<				
148-1-1	Nonfriable	Tan 12x12 Speckled Floor tile & Associated M	Mastic	
148-1-2	Nonfriable	Tan 12x12 Speckled Floor tile & Associated M	Mastic	
148-1-3	Nonfriable	Tan 12x12 Speckled Floor tile & Associated M	Mastic	
148-2-1	Nonfriable	Gray Brown 12x12 Speckled Floor tile & Asso	ociated Mastic	
148-2-2	Nonfriable	Gray Brown 12x12 Speckled Floor tile & Asso	ociated Mastic	Acces of
148-2-3	Nonfriable	Gray Brown 12x12 Speckled Floor tile & Asso	ociated Mastic	Accepted
148-3-1	Nonfriable	Red 12x12 Speckled Floor tile & Associated I	Mastic	
148-3-2	Nonfriable	Red 12x12 Speckled Floor tile & Associated I	Mastic	
48-3-3	Nonfriable	Red 12x12 Speckled Floor tile & Associated I	Mastic	Rejected [
148-4-1	Friable	White 2x4 Ceiling Tile w/Pinholes & Gouges		10000
148-4-2	Friable	White 2x4 Ceiling Tile w/Pinholes & Gouges		
48-4-3	Friable	White 2x4 Ceiling Tile w/Pinholes & Gouges		
48-5-1	Nonfriable	Gray 4" Cove Base & Associated Mastic		
48-5-2	Nonfriable	Gray 4" Cove Base & Associated Mastic		
48-5-3	Nonfriable	Gray 4" Cove Base & Associated Mastic		
48-6-1	Friable	White Drywall System	On First F	loor
148-6-2	Friable	White Drywall System	On First F	loor
148-6-3	Friable	White Drywall System	On First F	loor
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148-7-1	Nonfriable	Yellow-tan 12x12 Floor Tile & Associated Mastic	
148-7-2	Nonfriable	Yellow-tan 12x12 Floor Tile & Associated Mastic	
148-7-3	Nonfriable	Yellow-tan 12x12 Floor Tile & Associated Mastic	
148-8-1	Nonfriable	Yellow 4" Cove Base & Associated Mastic	
148-8-2	Nonfriable	Yellow 4" Cove Base & Associated Mastic	
148-8-3	Nonfriable	Yellow 4" Cove Base & Associated Mastic	
148-9-1	Nonfriable	White 9x9 Speckled Floor Tile & Associated Mastic	
148-9-2	Nonfriable	White 9x9 Speckled Floor Tile & Associated Mastic	
148-9-3	Nonfriable	White 9x9 Speckled Floor Tile & Associated Mastic	
148-10-1	Nonfriable	Tan 9x9 Streaked Floor Tile & Associated Mastic	
148-10-2	Nonfriable	Tan 9x9 Streaked Floor Tile & Associated Mastic	
148-10-3	Nonfriable	Tan 9x9 Streaked Floor Tile & Associated Mastic	
148-11-1	Nonfriable	Light Green 9x9 Floor Tile & Associated Mastic	
148-11-2	Nonfriable	Light Green 9x9 Floor Tile & Associated Mastic	
148-11-3	Nonfriable	Light Green 9x9 Floor Tile & Associated Mastic	
148-12-1	Nonfriable	Dark Green 9x9 Floor Tile & Associated Mastic	
148-12-2	Nonfriable	Dark Green 9x9 Floor Tile & Associated Mastic	
148-12-3	Nonfriable	Dark Green 9x9 Floor Tile & Associated Mastic	
148-13-1	Nonfriable	Black 4" Cove Base & Associated Mastic	
148-13-2	Nonfriable	Black 4" Cove Base & Associated Mastic	
148-13-3	Nonfriable	Black 4" Cove Base & Associated Mastic	
148-14-1	Nonfriable	White Seam Sealant on Fiberglass Pipe Insulation	
148-14-2	Nonfriable	White Seam Sealant on Fiberglass Pipe Insulation	
148-14-3	Nonfriable	White Seam Sealant on Fiberglass Pipe Insulation	
148-15-1	Friable	White Mudded Pipe Elbow TSI	
148-15-2	Friable	White Mudded Pipe Elbow TSI	
148-15-3	Friable	White Mudded Pipe Elbow TSI	
148-16-1	Nonfriable	Brown Mastic on Black 4" Cove Base	Only Analyze Mastic
148-16-2	Nonfriable	Brown Mastic on Black 4" Cove Base	Only Analyze Mastic
148-16-3	Nonfriable	Brown Mastic on Black 4" Cove Base	Only Analyze Mastic
148-17-1	Friable	White 2x2 Ceiling Tile w/Pinholes	
148-17-2	Friable	White 2x2 Ceiling Tile w/Pinholes	
148-17-3	Friable	White 2x2 Ceiling Tile w/Pinholes	
148-18-1	Friable	White Drywall System	In Basement
148-18-2	Friable	White Drywall System	In Basement
148-18-3	Friable	White Drywall System	In Basement
148-19-1	Nonfriable	White Seam Sealant on Silver Duct Insulation	

Relinquished By

Received By

71971079

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148-19-2	Nonfriable	White Seam Sealant on Silver Duct Insulation	
148-19-3	Nonfriable	White Seam Sealant on Silver Duct Insulation	
148-20-1	Nonfriable	Yellow Carpet Mastic	
148-20-2	Nonfriable	Yellow Carpet Mastic	
148-20-3	Nonfriable	Yellow Carpet Mastic	
148-21-1	Nonfriable	Black 9x9 Floor Tile & Associated Mastic	
148-21-2	Nonfriable	Black 9x9 Floor Tile & Associated Mastic	
148-21-3	Nonfriable	Black 9x9 Floor Tile & Associated Mastic	
148-22-1	Nonfriable	White 12x12 Floor Tilew/Blue Streaks & Associated N	/lastic
148-22-2	Nonfriable	White 12x12 Floor Tilew/Blue Streaks & Associated N	
148-22-3	Nonfriable	White 12x12 Floor Tilew/Blue Streaks & Associated N	/lastic
148-23-1	Nonfriable	White 9x9 Floor Tile w/Blue Streaks & Associated Ma	stic
148-23-2	Nonfriable	White 9x9 Floor Tile w/Blue Streaks & Associated Ma	stic
148-23-3	Nonfriable	White 9x9 Floor Tile w/Blue Streaks & Associated Ma	stic
148-24-1	Nonfriable	Gray Leveling Compound	
148-24-2	Nonfriable	Gray Leveling Compound	
148-24-3	Nonfriable	Gray Leveling Compound	
148-25-1	Nonfriable	Teal 9x9 Floor Tile & Associated Mastic	
148-25-2	Nonfriable	Teal 9x9 Floor Tile & Associated Mastic	
148-25-3	Nonfriable	Teal 9x9 Floor Tile & Associated Mastic	
148-26-1	Nonfriable	Gray Floor Tile & Associated Mastics	Tile Size Unknown
148-26-2	Nonfriable	Gray Floor Tile & Associated Mastics	Tile Size Unknown
148-26-3	Nonfriable	Gray Floor Tile & Associated Mastics	Tile Size Unknown
148-27-1	Nonfriable	Gray 9x9 Floor Tile & Associated Mastic	
148-27-2	Nonfriable	Gray 9x9 Floor Tile & Associated Mastic	
148-27-3	Nonfriable	Gray 9x9 Floor Tile & Associated Mastic	
148-28-1	Nonfriable	White Exterior Window Glazing	
148-28-2	Nonfriable	White Exterior Window Glazing	
148-28-3	Nonfriable	White Exterior Window Glazing	
148-29-1	Nonfriable	Black Exterior Waterproofing around Base of Building	
148-29-2	Nonfriable	Black Exterior Waterproofing around Base of Building	
148-29-3	Nonfriable	Black Exterior Waterproofing around Base of Building	
148-30-1	Friable/Nonfriable Mix	Black Asphalt Roofing Matrix	
148-30-2	Friable/Nonfriable Mix	Black Asphalt Roofing Matrix	
148-30-3	Friable/Nonfriable Mix	Black Asphalt Roofing Matrix	
148-31-1	Nonfriable	Black Asphalt Roofing Shingles	
148-31-2	Nonfriable	Black Asphalt Roofing Shingles	

Relinquished By

Received By

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148-31-3	Nonfriable
148-32-1	Nonfriable
148-32-2	Nonfriable
148-32-3	Nonfriable
148-33-1	Nonfriable
148-33-2	Nonfriable
148-33-3	Nonfriable
>>	

Black Asphalt Roofing Shingles
Black Flashing Tar around Perimeter of Roof
Black Flashing Tar around Perimeter of Roof
Black Flashing Tar around Perimeter of Roof
Black Roofing Tar around Roof Penetrations
Black Roofing Tar around Roof Penetrations
Black Roofing Tar around Roof Penetrations

Relinquished By



Bulk Asbestos Analysis by Transmission Electron Microscopy

Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: Geo-Technology Associates

14280 Park Center Drive

Laurel, Md 20707

31211148

Project:

Attn: Patrick Deery

Lab Order ID:

71971878

Analysis ID:

71971878 TB

Date Received:

8/5/2021

Date Reported:

8/6/2021

Sample ID	Description	Organic	501.	A	Asbestos	LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)		(Wt. %)	(Wt. %)
148-23-3	White 9x9 Floor Tile w/Blue Streaks & Associated Mastic	15%	80.%	None Detected		
71971878TBS_1						
148-25-3	Teal 9x9 Floor Tile & Associated Mastic	15%	83%		None Detected	
71971878TBS_2						
148-27-3-a	Gray 9x9 Floor Tile & Associated Mastic	27%	28%	36 %	Chrysotile	32% - 40.%
71971878TBS_3	tile					
148-27-3-b	Gray 9x9 Floor Tile & Associated Mastic	50.%	-	0.50 %	Chrysotile	0.45% - 0.55%
71971878TBS_4	mastic					

Disclaimer: This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

Daniel Schwartz (4)

APPENDIX J ENVIRONMENTAL SITE ASSESSMENT



REPORT OF PHASE I ENVIRONMENTAL SITE ASSESSMENT

Baltimore City Community College Bard Library Baltimore, Maryland 21215

August 19, 2021



Prepared for:

Noelker and Hull Associates, Inc.

6 North East Street, Suite 300 Frederick, Maryland 21701 Attn: Mr. Robert Asbury

Prepared by:

Geo-Technology Associates, Inc.

Geotechnical and Environmental Consultants 14280 Park Center Drive, Suite A Laurel, Maryland 20707 (410) 792-9446 or (301) 470-4470 www.gtaeng.com

GTA Project No: 31211148

GEO-TECHNOLOGY ASSOCIATES, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS



A Practicing Geoprofessional Business Association Member Firm

August 19, 2021

Noelker and Hull Associates, Inc.

6 North East Street, Suite 300 Frederick, Maryland 21701

Attn: Mr. Robert Asbury

Re: Phase I Environmental Site Assessment

Baltimore City Community College Bard Library

Baltimore, Maryland, 21215

Dear Mr. Asbury:

In accordance with our agreement dated March 9, 2021, Geo-Technology Associates, Inc. (GTA) has performed a Phase I Environmental Site Assessment (ESA) of the above-referenced property. The Site consists of approximately 30,134 square feet located within the Baltimore City Community College (BCCC) Liberty Heights campus in Baltimore, Maryland (the "Site"). The Site contains a two-story library, associated multipurpose rooms, mechanical rooms, study areas, and library stack space. GTA understands that the building is planned to remain in place and be renovated.

We appreciate the opportunity to be of assistance on this project. Should you have any questions regarding this information, or should you require additional information, please contact the undersigned at your convenience.

Sincerely,

GEO-TECHNOLOGY ASSOCIATES, INC.

Kristen B. Daly Samuel J. Stevens

Senior Project Scientist Vice President

PMD/KBD/SJS

S:\Project Files\2021\31211148 BCCC Bard Library\Doc\31211148 Phase I ESA.docx

14280 Park Center Drive, Suite A, Laurel, Maryland 20707

(410) 792-9446 or (301) 470-4470

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1.0 EXECUTIVE SUMMARY

Geo-Technology Associates, Inc. (GTA) has performed a Phase I Environmental Site Assessment (ESA) of Baltimore City Community College Bard Library (the "Site"). This Phase I ESA was performed in general accordance with ASTM International (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-13).

This Executive Summary is limited in scope and detail and is presented for the convenience of the reader. Do not rely on this Executive Summary for any purpose except that for which it was prepared. Please refer to the full report for details concerning the environmental condition of the Site, as well as the scope and limitations of this Phase I ESA. Rely only on the full report for information about the findings, recommendations, and other concerns.

The Site consists of approximately 30,134 square feet located within the Baltimore City Community College (BCCC) Liberty Heights campus in Baltimore, Maryland (the "Site"). The Site contains a two-story library (known as the Bard Library), associated multipurpose rooms, mechanical rooms, study areas, and library stack space. Historically, the Site has consisted of a landscaped area and unimproved roadway within Park School campus, until approximately 1965 when the Bard Library was constructed. The existing library is heated with hot water supplied by the BCCC Main Physical Plant, which is fueled with publicly-available natural gas. GTA personnel did not observe above ground storage tanks (ASTs), underground storage tanks (USTs), groundwater monitoring wells, or similar environmental concerns in association with the Site.

The Site is part of the larger BCCC Liberty Heights campus (2901 Liberty Heights Avenue). BCCC was identified in UST and Leaking UST (LUST) regulatory databases in a federal and state environmental regulatory database report. Three in-use USTs are presently associated with the overall BCCC campus. One 4,000-gallon heating oil UST and one 1,000-gallon diesel fuel UST are located adjacently north, and topographically cross gradient to the Site, and are associated with the Life Sciences building (located adjacently northeast of the Site). According to a property owner representative, these USTs are manually gauged on a monthly basis. The remaining 10,000-gallon heating oil UST is associated with the BCCC Administration building and is located approximately 300 feet southwest, and topographically downgradient of the Site.

Two removed USTs are also associated with BCCC: one 15,000-gallon heating oil UST, removed in 2000, and one gasoline UST of unknown capacity, removed in 2010. GTA personnel observed a remnant UST vent pipe in the vicinity of the above referenced 10,000-gallon heating oil UST. Initial information from the Maryland Department of the Environment (MDE) Oil Control Program (OCP) indicates the 10,000-gallon heating oil UST was installed on March 1, 2000, and the 15,000-gallon heating oil UST was removed from the ground on March 27, 2000. Accordingly, the remnant vent pipe may correspond to the removed 15,000-gallon UST. According to a property owner representative, a low-capacity gasoline UST (approximately 200 gallons) was formerly associated with an emergency generator located near the BCCC Fine Arts building, and was removed in 2010. The BCCC Fine Arts building is located approximately 300 southwest and topographically downgradient of the Site.



Three closed LUST cases are associated with the overall BCCC campus. LUST case 00-1625BC2 was opened in March 2000, was closed in September 2003, and appears to be associated with the removal of the 15,000-gallon heating oil UST. A release and cleanup were identified in association with LUST case no. 00-1625BC2. LUST case no. 11-0298BC was opened in November 2010, was closed in April 2011, and is associated with the removal of the gasoline UST of unspecified capacity. No indication of environmental release was noted in initial case information associated with LUST case no. 11-0298BC. The third LUST case (case no. 02-0946BC1) was opened in January 2002, and appears to be associated with surficial dumping of petroleum products at an unknown location within the BCCC Liberty Heights Campus. GTA has requested regulatory files from the MDE regarding BCCC UST and LUST regulatory listings, and the requested files are pending.

BCCC was additionally identified as a conditionally except small quantity generator of ignitable, corrosive, and reactive wastes (waste codes: D001, D002, D003) under the EPA Resource Conservation and Recovery Act (RCRA). BCCC was previously identified as a RCRA large quantity generator in 1981, with no waste codes reported. Several RCRA violations were associated with BCCC in 2010. The available records do not indicate if the identified waste codes or violations are associated with the Site. BCCC personnel were not aware of hazardous wastes in association with the Site. GTA has requested additional information from the MDE regarding the RCRA violations, and a response is pending.

Several additional sites of environmental concern were identified in the surrounding Site vicinity. Tony's BP/Liberty BP gasoline station (2850 Liberty Heights Avenue, presently Carroll Petroleum) is located approximately 400 feet northwest and topographically cross-gradient of the Site, across Liberty Heights Avenue, and has operated as a gasoline station since at least the 1940s. Three closed LUST cases are associated with the BP regulatory site. Available MDE case information for LUST case no. 95-1190BC indicates that petroleum-contaminated groundwater was identified at the Site. A 24-hour remediation system was reportedly in use at the BP site and was associated with this LUST case. LUST case no. 95-1190BC was granted regulatory closure in March 2010. Releases and cleanups are additionally associated with the two remaining closed LUST cases. Based on the proximity of the BP regulatory site to the Site and the regulatory interaction associated with the property, GTA has requested regulatory files from the MDE for the BP facility, and the requested files are pending.

Based on the regulatory statuses of the remaining identified regulatory sites, their distances from the Site, and the anticipated direction of groundwater flow, the remaining identified regulatory sites are unlikely to have adversely affected the Site.

This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the Site, except for the following:

• One 4,000-gallon heating oil UST and one 1,000-gallon diesel fuel UST are located adjacently north of the Site.

GTA recommends that the existing USTs be properly maintained and tightness tested. If no longer needed, the USTs should be removed in accordance with applicable regulations. An environmental evaluation of the excavation should be performed at the time of removal.



Although not considered a REC at this time, GTA recommends that the regulatory files for the BCCC and BP regulatory sites be reviewed to evaluate whether further environmental study of the Site is warranted and summarized in an addendum to this ESA.

GTA understands that the Bard Library is planned to be renovated under the BCCC Learning Commons project. GTA recommends that the renovation be performed in accordance with applicable environmental regulations, including those related to asbestos and lead-based paint. A Hazardous Materials Survey would be necessary to evaluate if asbestos abatement or related special handling and disposal are necessary to demolish the buildings.

2.0 INTRODUCTION

2.1 General

GTA was retained by Noelker and Hull Associates, Inc. ("Client" or "User") to prepare a Phase I Environmental Site Assessment, in conformance with ASTM International's *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E1527-13* of the Site in accordance with our Agreement.

This report was prepared by GTA for the sole and exclusive use of the Client. Use and reproduction of this report by any other party without the express written permission of GTA is unauthorized, and such use is at the sole risk of that party.

2.2 Purpose

The purpose of this report is to identify RECs in connection with the Site, using the methodology defined by ASTM International in order for a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser defenses to CERCLA liability and/or to help understand potential environmental conditions that could materially impact the operation of the business associated with the Site. ASTM International defines a REC and related terms as follows:

Recognized Environmental Condition (REC): "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions."

<u>Historical REC (HREC)</u>: "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls."



<u>Controlled REC (CREC)</u>: "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls."

<u>De minimis condition</u>: "a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions."

2.3 Scope of Services

This Phase I ESA was performed and this report was prepared in general accordance with applicable standards and with a review of reasonably ascertainable data, as set forth in the ASTM *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-13)*. The scope of services for this Phase I ESA generally included the following:

<u>Records Review</u> — Review of reasonably ascertainable current and historical records for the Site and site vicinity, including, but not limited to, a regulatory database report summarizing Federal and State environmental agency records; aerial photography; street directories; Sanborn® Fire Insurance Maps; property tax files; chain of title information for the Site (if provided by the Client or Site owner); physical setting documentation; and previous environmental reports.

<u>Site Reconnaissance</u> – Non-intrusive visual observations of the Site for indications of hazardous substances, petroleum products, ASTs, USTs, groundwater monitoring wells, polychlorinated biphenyl (PCB)-containing equipment, stained soil, stressed vegetation, pits, ponds, lagoons, structures, utilities, access roads, and similar features of potential environmental concern.

<u>Interviews</u> – Interviews (in person, via telephone, or via written request) with, but not limited to, relevant regulatory authorities and present and past Site owners, operators, or occupants, where relevant.

Report – Preparation of a Phase I ESA Report summarizing the information collected.

Considerations that were not reviewed as part of this Phase I ESA, and that are considered non-scope issues by ASTM E1527-13 and/or otherwise beyond the scope of this assessment, include, but are not limited to, asbestos-containing materials (ACMs), radon, lead-based paint (LBP), lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality unrelated to subsurface releases of hazardous substances or petroleum products, biological agents, mold, water potability issues (e.g., nitrates, pH, turbidity, coliforms, etc.), other substances under naturally occurring conditions (e.g.,



metals such as arsenic), methane, universal building wastes (e.g., mercury-containing switches or bulbs, PCB-containing light ballasts), and high voltage power lines.

2.4 Limitations

GTA's conclusions regarding the Site have been based on observations of existing conditions at the time of the site reconnaissance, an interpretation of reasonably ascertainable historical data sources, and environmental data. Therefore, conclusions reached regarding the conditions of this Site do not represent a warranty that all areas within the Site are of a similar quality as may be inferred from observable Site conditions, reasonably ascertainable historical data sources, or environmental data. Please be advised that as stated in the ASTM E1527-13 Standard, no environmental site assessment can wholly eliminate uncertainty regarding the potential for environmental liability in connection with the Site. GTA's evaluation and analysis are intended to reduce, but not eliminate, the potential for conditions that result in liability for the Client.

Please be advised that ASTM indicates that a Phase I ESA completed less than 180 days prior to the date of the property transaction is presumed to be valid. To satisfy the ASTM E1527-13 Standard, Phase I ESAs completed more than 180 days prior to the date of the property transaction are required to be updated.

The following limiting conditions/deviations should be noted with respect to this Phase I ESA. These limiting conditions/deviations are not necessarily exceptions to the ASTM E1527-13 Standard.

- In preparing this report, GTA has relied on certain information provided by federal, state, and local officials and other parties referenced herein, and on information contained in the files of governmental agencies, that were readily available to GTA at the time of this assessment. Although there may have been some degree of overlap in the information provided by these various sources, GTA did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this assessment.
- Observations were made of the Site and of the structures on the Site as indicated in this report. Where access to portions of the Site or to structures on the Site was unavailable or limited, GTA renders no opinion as to the presence of petroleum products or hazardous substances in that portion of the Site and structure. In addition, GTA renders no opinion as to the presence of petroleum products or hazardous substances where direct observation of the ground surface, interior walls, floors, ceiling, or a structure is obstructed by objects or materials, including vegetation and snow, covering these surfaces.
- The Site boundaries were not marked at the time of GTA's site visit. GTA estimated the Site boundaries using existing site features, the tax map information described in Section 3.1, aerial photographs, and/or site plans, if available.
- As part of this assessment, GTA submitted requests for information via the Freedom of Information Act (FOIA) to various governmental agencies. As of the preparation date of this report, these requests may not have been fulfilled. The conclusions of this report are subject to change upon receipt of a response from these FOIA requests.



2.5 Significant Assumptions

As part of this Phase I ESA, GTA has obtained data from various sources (e.g., historical documents, regulatory information, site drawings, interviews with individuals familiar with the Site and regulatory representatives). GTA relies on this information in forming a professional opinion and assumes that the information is accurate and correct. GTA shall not be responsible for conditions or consequences arising from incorrect data sources or relevant facts that were concealed, withheld or not fully disclosed at the time this report was prepared. Unless otherwise noted, GTA assumes that the user has requested this Phase I ESA to qualify for a "landowner liability protection" (LLP) to CERCLA liability.

Groundwater flow and depth, unless otherwise specified by on-site well data or well data from the Site or nearby sites, are inferred from contour information depicted on the USGS topographic map(s).

GTA assumes the Site has been correctly and accurately identified by the Client, designated representative of the Client, Site contact, Site owner, and Site owner's representatives.

A number of parties such as third-party vendors, government agencies, and the Site owner may have provided information for this assessment. The ASTM E1527-13 Standard allows the consultant to rely on the information gathered without independent verification, unless it is obvious that certain information is incorrect. Unless noted in the report, GTA assumed the information supplied by third parties to be correct.

2.6 Data Gaps

ASTM defines a "data gap" as a lack of or inability to obtain information required by the Phase I ESA standard despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by the Phase I ESA, including, but not limited to, the site reconnaissance and interviews. Common data gaps include the lack of access to some structures, an inability to interview key site managers, and time gaps in the historical use information. Significant data gaps are those that affect the ability of the environmental professional to identify RECs. Significant data gaps were not identified as part of this Phase I ESA.

2.7 Qualifications

I, Kristen B. Daly, declare that, to the best of my professional knowledge and belief, I meet the definition of an Environmental Professional as defined in Part 312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site. I have developed and performed the "All Appropriate Inquiries" in general conformance with the standards and practices set forth in 40 CFR Part 312. The qualifications of the environmental professionals who performed this Phase I ESA are available to the Client upon request.



3.0 SITE AND VICINITY DESCRIPTION

3.1 Site Location, Parcel Description, and Site Improvements

The Site consists of a portion of the Baltimore City Community College (BCCC) Liberty Heights campus, located at 2901 Liberty Heights Avenue in Baltimore, Maryland. The Site consists of the Bard Library building, located in the northern portion of the campus. Please refer to the Site Sketch and maps provided in Appendix A. According to online tax information obtained from the Maryland Department of Assessments and Taxation (MDAT), the Site is included within an 18.667-acre parcel owned by the Board of Trustees of the New Community College of Baltimore. The parcel is identified on Tax Map 15, Neighborhood 15000.03, Section 19, Block 3262, Lot 1.

GTA was not provided with development plans for the Site. It is GTA's understanding that the Bard Library is to remain in place and undergo renovations.

3.2 Physical Setting

The Site's physical setting, based on the Site reconnaissance and/or the referenced physical setting sources, is summarized below.

Soil Series	Source: U.S. Department of Agriculture (USDA) Web Soil Survey				
19UC: Urban land-Legore	19UC: Urban land-Legore complex, 8 to 15 percent slopes				
Note: Urban land includes areas where the original soil material has been disturbed by construction or other human activities, and may include areas where fill has been added.					
Topography	Source: United States Geological Survey (USGS) Topographic Quadrangle Map (Baltimore West, MD)				
Generally level to gently sloping downward to the south and west. Site elevations range from greater than 360 feet above mean sea level (MSL) on the northern portion of the Site, to less than less than 360 feet MSL on the central and southern portions. The Site is located near the crest of a ridge, and groundwater flow likely radiates away from the Site towards the valleys to the southwest and southeast of the Site.					
Geology, Hydrogeology, and Surface Water	Source(s): Maryland Geological Survey <i>Geologic Map of Baltimore West, Maryland;</i> USGS Topographic Quadrangle Map (Baltimore West, MD)				

Physiographic Province: Piedmont

Formation(s): Mount Washington Amphibolite: The formation typically consists of fine- and medium-grained, generally massive, amphibolite with pyroxene, with rare chlorite-rich zones and serpentinite.

Groundwater Flow Direction: Based on the observed and/or mapped local topography, the shallow groundwater is assumed to flow generally to the south and west. Shallow groundwater flow may be highly variable based on a number of factors, and no site-specific groundwater flow data was obtained or reviewed.

Surface Water: No surface water features were observed on the Site. Wash Water Lake and Gwynn's Run are located approximately 800 feet west/southwest of the Site.



4.0 SITE RECONNAISSANCE

Mr. Patrick Deery of GTA performed the site reconnaissance on June 23, 2021. Mr. Abdon Chica, Project Manager with BCCC Facilities, accompanied GTA personnel during a portion of the site visit to gain access to the structures. Limitations that may have affected GTA's ability to visually observe Site conditions are noted below.

Limitation	Yes	No	Description
Dense Vegetation		\boxtimes	
Locked or Inaccessible Structures			Several rooms (primarily including closets and offices) were locked and inaccessible during GTA's site reconnaissance.
Snow Cover			
Other		\boxtimes	

4.1 Site Description

The Site consists of approximately 30,134 SF. The Site contains a two-story library, associated multipurpose rooms, mechanical rooms, study areas, and library stack space. Improved inroads and walking paths, which originate from Liberty Heights Avenue, provide access to the library. Photographs taken during GTA's site visit are presented as Appendix B.

4.2 Site Occupants and Operations

The Site consists of a portion of the BCCC. The Site was occupied by BCCC students and staff, and members of the general public at the time of Site reconnaissance.

4.3 Structures and Utilities

A two-story library building with a basement totaling approximately 30,134 square feet occupies the entirety of the Site. The building contains multipurpose rooms, mechanical rooms, restrooms, study areas, and library stack space associated with the BCCC. The building is of slab-on-grade, concrete masonry unit (CMU) construction with metal-stud framing and masonry veneer. The building interiors generally consist of concrete, tile, and carpet flooring; brick and drywall walls; and drop ceilings.

Utilities that service the Site are summarized below.

Utility	Description
Water	The library is connected to public water.
Sewer	The library is connected to public sewer.
Heating/Cooling	The library is heated via hot water, pumped to the building from the BCCC Main
	Physical Plant. According to a property owner representative, the Main Physical Plant
	utilizes publicly available natural gas to heat the water prior to distribution.



Utility	Description
Stormwater	Stormwater is collected by inlets in the surrounding roadways and is directed into the
	municipal stormwater system.
Electric	The library is connected to publicly available electricity.

4.4 Site Conditions

The following table summarizes the site reconnaissance observations and/or items that were identified (or suspected) based on interviews and the reviewed records.

Category	Item Description	Observed, Identified, or Suspected
Storage Tanks	Aboveground Storage Tanks	No
and Vessels	Underground Storage Tanks	No
Chemical or Waste	Drums or Other Containers	Yes, see below
Storage/Disposal	Floor Drains, Trenches, Sumps, and Pits	Yes, see below
	Oil/Water Separator	No
	Waste Lagoons	No
Electrical	Pole-mounted Transformers	No
Transformers/PCBs	Pad-Mounted Transformers	Yes, see below
	Elevators	Yes, see below
	Other Equipment	No
Solid Waste and	Landfilling or Buried Waste	No
Stockpiles	Dumping or Disposal/Debris Areas	No
	Dumpsters	No
	Fill Material	No
	Soil Stockpiles	No
Known or Suspected	Stained Soil	No
Release of	Stained Pavement or Other Surfaces	No
Hazardous Substances or Petroleum Products	Stressed Vegetation	No
or retroicum roducts	Pools of Liquids	No
	Other	No
Other Site Features	Monitoring Wells	No
	Hydraulic Lifts	No
	Pungent or Noxious Odors	No
	Petroleum Pipeline (i.e., Markers)	No
	Other	No

Drums and Other Containers: GTA personnel observed one partially full 55-gallon drum of ethylene glycol solution in the basement mechanical room. Several additional chemical containers were observed in various locations throughout the library, including the main mechanical room and elevator



machine room. The observed chemical containers typically ranged in size from less than one gallon to approximately five gallons, and were indicated to contain a variety of products, including paints, household cleaners, miscellaneous compressed gases, and hydraulic fluid. The observed chemical containers were typically staged on concrete flooring or on shelving when present. GTA personnel did not observe staining or chemical odors indicative of a spill in association with the observed chemical containers.

Floor Drains: GTA personnel observed floor drains in restrooms in the on-site building. GTA personnel did not observe evidence of staining or sheen in the vicinity of the floor drains.

Transformers: GTA personnel observed several pad-mounted electrical transformers in the basement mechanical room. GTA personnel did not observe obvious signs of leaks or spills in the vicinity of the observed transformers.

Elevators: GTA personnel observed a hydraulic elevator in the on-site building. GTA personnel did not observe suspect odors or staining indicative of a hydraulic fluid spill or leak in association with the elevator mechanical equipment.

4.5 Surrounding Land Use

During the site reconnaissance, GTA personnel observed, to the extent practical, conditions on the land adjoining the Site and within an approximate 500-foot radius of the Site. The following is a summary of adjoining land usage.

Direction	Surrounding Observations
North	BCCC campus landscaped areas and a paved parking lot, followed Liberty Heights Avenue, a Carroll Petroleum gasoline station and Ashburton Filtration Plant.
South	BCCC administration building and associated landscaped areas, followed by Druid Hill Drive, wooded land, and railroad tracks.
East	Landscaped areas followed by institutional buildings associated with BCCC.
West	The BCCC Main building and Nursing building, followed by BCCC parking lot C, wooded land, and railroad tracks.

The surrounding Site vicinity consists of the BCCC Liberty Heights Campus, residential and commercial development, and the Ashburton Filtration Plant. GTA personnel observed two underground storage tank (UST) pads and associated manways adjacently north and topographically cross-gradient of the Site. The observed UST pads correspond to two in-use USTs associated with the BCCC Life Sciences building, located adjacently northeast of the Site. GTA personnel additionally observed a Carroll Petroleum gasoline station at 2850 Liberty Heights Avenue, approximately 400 feet northwest and topographically cross-gradient of the Site. This property has operated as a gasoline station since at least 1938. Additional information for these sites is summarized in Sections 5.1 and 7.1. Otherwise, GTA



personnel did not observe indications of gasoline stations, dry cleaners, landfills, or similar sites of known environmental concern within an approximate ¼-mile radius of the Site.

GTA personnel did not observe obvious indications of releases (i.e., strong odors, stained surfaces, or stressed vegetation) of petroleum products or hazardous substances on the land immediately adjacent to, and topographically upgradient of, the Site. Accordingly, surficial drainage from upgradient sources is unlikely to have adversely affected the environmental condition of the Site.

5.0 HISTORICAL REVIEW

5.1 Aerial Photographs

In an effort to assess historical land use practices on the Site and in the vicinity, GTA reviewed historical aerial photographs obtained from Environmental Data Resources, Inc. (EDR), Nationwide Environmental Title Research (NETR), Maryland's Environmental Resources and Land Information Network (MERLIN), and Google. Copies of the 1938 and 2019 aerial photographs are included in Appendix A, and a copy of the aerial photographs provided by EDR is included in Appendix D. The aerial photographs were reviewed chronologically, and significant land use changes that were observed are described below:

Year	Site	Adjoining and Surrounding Land
1938,1943, 1952	The Site primarily consisted of undeveloped land. A driveway to the adjacent former Park School bisected the southern portion of the Site.	The immediate site vicinity was comprised of open and wooded land, and residential and commercial development. The Park School was located adjacently east of the Site. Two apparent fueling stations are visible approximately 400 feet northwest of the Site, across Liberty Heights Avenue.
1957	Similar to the previous aerial photograph reviewed.	The Ashburton Filtration Plant was constructed approximately 300 feet north of the Site across Liberty Heights Avenue.
1971,1973	The existing Bard Library was constructed on the Site.	The Park School was razed, and a portion of the existing BCCC Liberty Heights campus was constructed. The BCCC main building was present south/southwest of the Site. An additional apparent institutional building was located approximately 100 northwest of the Site. Increasing commercial development occurred in the surrounding Site vicinity.
1981,1988, 1994	Similar to the previous aerial photograph reviewed.	The western of the two gasoline stations to the northwest was no longer present, and a parking lot was constructed in its place. The apparent institutional building located 100 feet northwest of the Site was razed and the



Year	Site	Adjoining and Surrounding Land
		BCCC nursing building was constructed in its place.
2002-2019	Similar to the previous aerial photograph reviewed.	The BCCC Life Sciences building was constructed adjacently northeast of the Site between 1994 and 2002. The existing BCCC Facilities building was constructed approximately 300 feet east of the Site between 2005 and 2007.

5.2 Historical Maps

GTA obtained Sanborn Fire Insurance Maps from EDR for the Site and vicinity. A copy of the Sanborn Map Report is included in Appendix D. The maps provided were reviewed chronologically and significant land use changes that were observed are described below:

Year	Site	Adjoining and Surrounding Properties
1929,1950, 1952	These Sanborn Maps depicted the Site either as undeveloped land or as land outside the map coverage area.	A private institution known as the Park School is depicted adjacently east of the Site. A residence, followed by Liberty Heights Avenue is depicted northeast of the Site. A filling station was depicted northwest of the Site, beyond Liberty Heights Avenue.
1965	The existing Bard Library building was depicted as occupying the entirety of the Site. The library building was indicated to have been constructed in 1964.	Baltimore Junior College structures, including the administration and fine arts buildings, are depicted the south and west of the Site. The Park School of Baltimore is depicted east and southeast of the Site.
1979, 1982	Similar to the previously reviewed Sanborn Map.	The existing BCCC Nursing building is depicted northwest of the Site. The Ashburton Filtration Plant is depicted north of the Site, across Liberty Heights Avenue. The Park School is no longer depicted. An additional filling station was depicted northwest of the Site, beyond Liberty Heights Avenue.

GTA reviewed historical topographic maps maintained by NETR and EDR, which included topographic maps from the years 1894, 1896, 1897, 1899, 1902, 1904, 1907, 1911, 1915, 1924, 1936, 1942, 1944, 1947, 1953, 1956, 1963, 1965, 1968, and 1975. The conditions observed on the topographic maps were generally consistent with those observed on the reviewed aerial photographs and Sanborn Maps.



5.3 Property Title Information

GTA was not supplied with chain of title documentation concerning the Site.

5.4 City Directories

GTA obtained historical city directories from EDR. These directories provide property occupant listings by address. The Site was occupied by the Park School in 1952 and 1958. From 1975 to 2017, the Site was occupied by Baltimore City Community College and several associated entities. Radio Park Cleaners, a potential drycleaner, was identified at BCCC in 2017. GTA requested information from Mr. Ants Voiter, a representative of BCCC, regarding the potential drycleaner listing. Mr. Voiter indicated that he was not aware of prior or existing drycleaners in association with BCCC, including the Site (Section 6.2). There are no other historical records supporting the presence of a drycleaner at the Site. It would therefore appear that the Radio Park Cleaners listing is not a drycleaner, or is misattributed to BCCC. A fueling station was identified at 2850 Liberty Heights Avenue, approximately 400 feet northwest of the Site, is currently occupied by Carroll Petroleum, and has been identified in Site vicinity since at least 1964. A second fueling station (2900 Liberty Heights Avenue) was identified approximately 500 feet northwest of the Site and was identified from at least 1930 through 1994. Various commercial occupants were identified in the remaining surrounding Site vicinity.

6.0 USER-PROVIDED INFORMATION AND INTERVIEWS

GTA requested that the User complete a User Questionnaire. The User returned the questionnaire (Appendix C) indicating the following:

User's Knowledge	Yes	No
Environmental liens that are filed or recorded against the Site.		\boxtimes
Did a search of recorded land title records (or judicial records where appropriate) identify any		
environmental liens filed or recorded against the Site under federal, tribal, state, or local law?		
Activity and use limitations (AULs) that are in place on the Site or that have been filed or recorded		\boxtimes
against the Site.		
Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as		
engineering controls, land use restrictions, or institutional controls that are in place at the Site and/or have		
been filed or recorded against the Site under federal, tribal, state or local law?		
Specialized knowledge or experience of the person seeking to qualify for Landowner Liability Protection.		\boxtimes
Do you have any specialized knowledge or experience related to the Site or nearby properties? For example,		
are you involved in the same line of business as the current or former occupants of the Site or an adjoining		
property so that you would have specialized knowledge of the chemicals and processes used by this type of		
business?		
Relationship of the purchase price to the fair market value of the Site if it were not contaminated.		\boxtimes
Do you have reason to believe that the purchase price of the Site is lower than the fair market value due to		
the known or suspected presence of contamination?		



User's Knowledge			
Commonly known or reasonably ascertainable information about the Site (40 CFR 312.30).			
Are you aware of commonly known or reasonably ascertainable information about the Site that would help			
the environmental professional to identify conditions indicative of releases or threatened releases? For			
example,			
a) Do you know the past uses of the property?			
b) Do you know of specific chemicals that are present or once were present at the property?			
c) Do you know of spills or other chemical releases that have taken place at the property?			
d) Do you know of any environmental cleanups that have taken place at the property?			
The degree of obviousness of the presence or likely presence of contamination at the Site, and the ability			
to detect the contamination by appropriate investigation.			
Based on your knowledge and experience related to the Site, are there any obvious indicators that point to			
the presence or likely presence of releases at the Site?			

6.1 Title and Judicial Records for Environmental Liens/Activity Use Limitations

Per ASTM E1527-13 Section 6.2, the User is required to provide and/or report to the environmental professional any title and judicial records for environmental liens/activity use limitations (AULs) associated with the Site. The environmental professional per the ASTM practice is not responsible to undertake a review of recorded land title records and judicial records for environmental liens or AULs.

Title records and information were not provided to GTA by the User. The User did not request GTA to coordinate with a title company or title professional to undertake a review of Recorded Land Title records and judicial records for environmental liens or AULs.

6.2 Interviews

On June 23, 2021, GTA personnel interviewed Mr. Abdon Chica, Project Manager with BCCC Facilities, and Mr. Ants Voiter, BCCC Maintenance Technician. Mr. Chica indicated that he has been associated with BCCC for approximately 10 years. According to Mr. Voiter, the library building is heated with hot water supplied via the BCCC main physical plant. Mr. Voiter additionally indicated that the BCCC Main Physical Plant is presently fueled by publicly available natural gas. Mr. Voiter indicated that three inuse USTs are associated with the BCCC Liberty Heights Campus: two USTs (one 4,000-gallon heating oil UST and one 1,000-gallon UST) are located adjacently north of the Site and serve the Life Sciences building, located adjacently northeast of the Site. The remaining UST (10,000-gallon heating oil UST) is located approximately 300 feet southwest of the Site and serves the Administration building. According to Mr. Voiter, the USTs associated with the Life Sciences building are manually gauged on a monthly basis. He additionally noted that UST gauging records for the Life Sciences building USTs were not available for review. The 10,000-gallon heating oil UST associated with the Administration building utilizes an automatic tank gauging system. Neither Mr. Chica nor Mr. Voiter were aware of spills or leaks associated with the USTs, or of ASTs or USTs associated with the Site. Mr. Chica was not aware of environmental concerns related to the Site or the surrounding vicinity.



On August 2, 3, and 4, 2021, GTA personnel requested information from Mr. Ants Voiter and Ms. Katherine Dixon regarding removed USTs formerly associated with BCCC. Mr. Voiter indicated that the 15,000-gallon heating oil UST was formerly associated with the main Administration building and served the building prior to the installation of the existing 10,000-gallon heating oil UST. Mr. Voiter additionally indicated that a low capacity (approximately 200 gallons) gasoline UST formerly served an emergency generator associated with the BCCC Fine Arts building, and was removed from the ground in 2010. The BCCC Fine Arts building is located approximately 300 feet southwest and topographically downgradient of the Site. GTA personnel additionally requested information from Mr. Voiter and Ms. Dixon regarding the potential drycleaner (Radio Park Cleaners) identified in historical city directories (Section 5.4) and USEPA Resource Conservation and Recovery Act violations associated with the BCCC, and identified in a regulatory database report for the Site (Section 7.1). Mr. Voiter and Ms. Dixon indicated that they were unaware of prior or existing drycleaners in association with BCCC. Mr. Voiter and Ms. Dixon additionally indicated that they were not aware of the generation or hazardous wastes in association with the Site.

6.3 Previous Reports

GTA requested copies of previous Phase I ESAs or similar environmental reports from the Client and Mr. Abdon Chica (a representative of the current Site owner). According to the Client and Mr. Chica, no previous Phase I ESAs or similar environmental reports were available for the Site.

7.0 REGULATORY REVIEW

7.1 Regulatory Database Search

GTA retained an environmental database search company to perform a search of federal, state, and tribal environmental regulatory agency databases for sites identified within the approximate minimum search distance specified by ASTM Standard Practice for Environmental Site Assessments E1527-13. The two tables below summarize the regulatory database searches required by ASTM, followed by GTA's summary of the results. A copy of the regulatory database report is provided in Appendix E. The databases referenced in the attached report may not directly match those required by ASTM, but were provided by the database search company intending to match the ASTM database search requirements.

GTA attempted to field-verify the locations of the identified regulatory sites. The regulatory database report also includes a list of orphan or unmappable sites, which were not plotted in the regulatory database report due to insufficient address and/or geographic coordinate information. GTA reviewed the list of orphan/unmappable sites and based on the descriptions provided, attempted to verify if any are located within the specified search radii. Therefore, the sites discussed in this section may be a subset of those contained in the regulatory database report.



GTA's summary of the identified regulatory sites provided below may be limited to distances that are less than the ASTM standard search distances considering local geologic or hydrogeologic conditions, the density of the identified regulatory sites, the availability of public water, or other factors.

Note that the regulatory database report may include various records that are not specifically required by the ASTM Standard. If non-ASTM databases are considered relevant to this Phase I ESA, they are discussed later in this section.

FEDERAL ASTM STANDARD DATABASES SEARCHED			
Database	Description	ASTM Search Distance	
NPL	National Priority List. Subset of CERCLIS. Sites for priority cleanup under the Superfund program.	1 mile	
Delisted NPL	Delisted National Priority List sites	½ mile	
SEMS	Superfund Enterprise Management System (formerly CERCLIS). Sites that are proposed for or on the NPL, or in the screening or assessment phase for possible inclusion on the NPL.	½ mile	
SEMS-ARCHIVE	Formerly CERCLIS NFRAP. Archived SEMS sites with a status of No Further Remedial Action Planned (NFRAP), denoting sites where, following an initial investigation, either no contamination was found, contamination was removed quickly without need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. The NFRAP status does not necessarily indicate that no environmental concerns are present.	½ mile	
RCRA COR	Hazardous waste handlers with Resource Conservation and Recovery Act (RCRA) corrective action activity.	1 mile	
RCRA TSD	RCRA non-CORRACTS hazardous waste Treatment, Storage, and Disposal (TSD) Facilities.	½ mile	
RCRA SQG/LQG	RCRA sites that are hazardous waste small or large quantity generators.	Site and adjoining properties	
IC/EC	Institutional Controls or Engineering Controls maintained for the purpose of tracking sites that may contain residual contamination and activity and use limitations.	Site	
ERNS	Emergency Response Notification System. Information on releases of oil and hazardous substances.	Site	

STATE & TRIBAL DATABASES SEARCHED			
Database	Description	ASTM Search Distance	
SHWS	State Hazardous Waste Sites, which is the state equivalent to CERCLIS.	½ mile	
SWF/LF	Solid Waste Acceptance Facilities/Landfills, which may include active or inactive facilities, landfills, or open dumps.	½ mile	
UST	Registered underground storage tank sites.	Site and adjoining properties	
LUST	Leaking underground storage tank (LUST) sites.	½ mile	
Brownfield	Brownfields or voluntary cleanup program sites	½ mile	



STATE & TRIBAL DATABASES SEARCHED		
Database	Description	ASTM
		Search Distance
IC/EC	State equivalent to Federal IC/EC Registries.	Site

The regulatory database report did not appear to identify regulatory listings specifically associated with the Site, but did identify several listings for the overall BCCC property, as summarized below.

RESULTS SUMMARY – BCCC PROPERTY			
Site Description	Database	Details	
Baltimore City Community College 2901 Liberty Heights Avenue	UST	Three currently in use USTs: one, 1,000-gallon diesel UST; one, 4,000-gallon heating oil UST; one, 10,000-gallon heating oil UST. Two removed USTs: one, 15,000-gallon heating oil UST; one gasoline UST of unreported size	
Community College of Baltimore 2901 Liberty Heights Avenue	LUST	Three closed OCP Cases OCP Case No. 00-1625BC2: Closed. Release and cleanup reported. OCP Case No. 02-0946BC1: Closed/Dumping. Release and cleanup reported. OCP Case No. 11-0298BC: Closed/Tank Closure – Motor/Lube Oil. No release or cleanup reported.	
	MD NPDES	July 2016 application for GP for two small fuel burning boiler/heaters in the Life Sciences Building	
	MD/PA Manifest	Hazardous waste disposal 2006 & 2008	
	RCRA-VSQG	EPA Resource Conservation & Recovery Act Conditionally Exempt Small Quantity Generator listing consists with MD/PA manifests. Several violations reported in 2010.	
	US AIRS, ECHO	Clean Air Act participation, no violations identified	
BCCC – Main Building Renovation Ph. II 2901 Liberty Heights Avenue	MD Asbestos	100 Square feet of Category I surfacing material removed	

As noted in Section 6.2, the three USTs currently associated with the BCCC Liberty Heights campus are not located on the Site. GTA personnel observed a remnant UST vent pipe in the vicinity of the 10,000-gallon heating oil UST. Initial information from MDE OCP indicates the 10,000-gallon heating oil UST was installed on March 1, 2000, and the 15,000-gallon heating oil UST was removed from the ground on March 27, 2000. Accordingly, the remnant vent pipe may correspond to the removed 15,000-gallon UST.

LUST Case 00-1625BC2 was opened on March 27, 2000 and is associated with UST removal activities at BCCC. LUST Case 00-1625BC2 is likely associated with removal of the 15,000-gallon heating oil UST, which occurred on the same date.



LUST Case 11-0298BC was opened on November 10, 2010 and appears to be associated with the removal of the gasoline UST of unreported size on that same day. As discussed in Section 6.2, a low-capacity gasoline UST was formerly associated with BCCC Fine Arts building and was removed in 2010.

The MD Manifest, PA Manifest, and RCRA-VSQG listings are associated with the disposal of hazardous waste from the BCCC campus. The EPA ID associated with the BCCC campus is MDD980552566. BCCC is identified as a very small quantity generator of ignitable, corrosive, and reactive wastes. BCCC was previously identified as a large quantity generator in 1981, with no waste codes recorded. It is presently unknown if the RCRA listings are associated with the Site.

The MD Asbestos listing is associated with the Main Building, located 100 feet west/southwest of the Site. This listing is not associated with the Site.

GTA has requested regulatory files from the MDE regarding the BCCC UST, LUST, and RCRA regulatory listings, and the requested files are pending. GTA recommends that the regulatory files for the BCCC regulatory listings be reviewed to evaluate whether further environmental study of the Site is warranted, and summarized in an addendum to this ESA.

The regulatory database report identified the following regulatory sites located within approximately 1,000 feet of the Site.

RESULTS SUMMARY – SITES WITHIN 1,000 FEET			
Site Description	Database	Approximate Approx	
Tony's BP/Liberty BP 2850 Liberty Heights Avenue	UST	Five removed USTs. Three currently-in-use USTs. Three 12,000-gallon gasohol USTs.	400 feet northwest
	LUST	Three closed cases. OCP Case No. 95-1190BC1. Closed/Well/Groundwater Contamination — Motor/Lube Oil. Release and cleanup reported. 24-Hour Remediation System in use in association with LUST case. OCP Case No. 03-1852BC1. Closed/Surface Spill from UST — Motor/Lube Oil. Release and cleanup reported. OCP Case No. 04-0623BC1. Closed/Other — Motor/Lube Oil. Release and cleanup reported.	
Ashburton Filtration Plant 3001 Druid Park Drive	LUST	Two closed cases. OCP Case No. 6-1660BC. Closed. OCP Case No. 05-1106BC2. Closed/Tank Closure – Commercial Heating Oil. Release and cleanup reported.	600 feet north
BFC Assoc 3006 Druid Park Drive	LUST	Two closed cases. OCP Case No. 7-1408BC2. Closed. OCP Case No. 03-0023BC1. Closed/Tank Closure – Motor/Lube Oil. Release and cleanup reported.	900 feet north



RESULTS SUMMARY – SITES WITHIN 1,000 FEET			
Site Description	Database	Appropase Details Distance from	
Liberty Heights Medical Center 2600 Liberty Heights Avenue	LUST	Four closed cases. OCP Case No. 94-2774BC2. Closed OCP Case 95-1616BC2. Closed/Tank Closure Motor/Lube Oil. Release and cleanup not reported. OCP Case No. 99-2538BC2. Closed/Tank Closure – Motor/Lube Oil. Release and cleanup reported.	900 feet northeast

GTA has requested regulatory files from the MDE regarding the BP gasoline station site and LUST cases, and the requested files are pending. GTA recommends that these regulatory files be reviewed to evaluate whether further environmental study of the Site is warranted, and summarized in an addendum to this ESA.

Numerous additional regulatory sites were identified in the surrounding region, greater than 1,000 feet from the Site. Based on the distances from the remaining regulatory sites to the Site, the assumed direction of groundwater flow, and/or their regulatory statuses, it is unlikely that the identified regulatory sites have adversely impacted the Site.

7.2 Supplemental Databases Reviewed

In addition to submitting a written inquiry to MDE, GTA reviewed the MDE Land Restoration Program (LRP) online map on July 7, 2021. This map identifies sites that have had MDE LRP regulatory involvement. The map did not identify the Site or surrounding sites as sites of MDE LRP regulatory involvement.

7.3 Local Regulatory Agency Review

GTA submitted written inquiries to regulatory agencies concerning potential environmental issues associated with the Site as summarized in the table below. Copies of GTA's written inquiries and agency responses are included in Appendix C.

Agency	Request	Agency Response	Summary
City of Baltimore	Email	Response is	If information is received at a later date and
Health Department,	submitted	pending	materially alters the findings of this
Environmental	7/7/2021		assessment, GTA will submit an addendum to
Inspection Services			the Client.
MDE	Email	Response received.	GTA recommends that these regulatory files be
	submitted	Files requested and	reviewed to evaluate whether further
	7/7/2021	pending receipt.	environmental study of the Site is warranted,
			and summarized in an addendum to this ESA.



8.0 FINDINGS AND CONCLUSIONS

The Site consists of approximately 30,134 square feet located within the BCCC Liberty Heights campus in Baltimore, Maryland (the "Site"). The Site contains a two-story library (known as the Bard Library), associated multipurpose rooms, mechanical rooms, study areas, and library stack space. Historically, the Site has consisted of a landscaped area and unimproved roadway within Park School campus, until approximately 1965 when the Bard Library was constructed. The existing library is heated with hot water supplied by the BCCC Main Physical Plant, which is fueled with publicly-available natural gas. GTA personnel did not observe ASTs, USTs, groundwater monitoring wells, or similar environmental concerns in association with the Site.

The Site is part of the larger BCCC Liberty Heights campus (2901 Liberty Heights Avenue). BCCC was identified in UST and LUST regulatory databases in a federal and state environmental regulatory database report. Three in-use USTs are presently associated with the overall BCCC campus. One 4,000-gallon heating oil UST and one 1,000-gallon diesel fuel UST are located adjacently north, and topographically cross gradient to the Site, and are associated with the Life Sciences building (located adjacently northeast of the Site). According to a property owner representative, these USTs are manually gauged on a monthly basis. The remaining 10,000-gallon heating oil UST is associated with the BCCC Administration building and is located approximately 300 feet southwest, and topographically downgradient of the Site.

Two removed USTs are also associated with BCCC: one 15,000-gallon heating oil UST, removed in 2000, and one gasoline UST of unknown capacity, removed in 2010. GTA personnel observed a remnant UST vent pipe in the vicinity of the above referenced 10,000-gallon heating oil UST. Initial information from the MDE OCP indicates the 10,000-gallon heating oil UST was installed on March 1, 2000, and the 15,000-gallon heating oil UST was removed from the ground on March 27, 2000. Accordingly, the remnant vent pipe may correspond to the removed 15,000-gallon UST. According to a property owner representative, a low-capacity gasoline UST (approximately 200 gallons) was formerly associated with an emergency generator located near the BCCC Fine Arts building, and was removed in 2010. The BCCC Fine Arts building is located approximately 300 southwest and topographically downgradient of the Site.

Three closed LUST cases are associated with the overall BCCC campus. LUST case 00-1625BC2 was opened in March 2000, was closed in September 2003, and appears to be associated with the removal of the 15,000-gallon heating oil UST. A release and cleanup were identified in association with LUST case no. 00-1625BC2. LUST case no. 11-0298BC was opened in November 2010, was closed in April 2011, and is associated with the removal of the gasoline UST of unspecified capacity. No indication of environmental release was noted in initial case information associated with LUST case no. 11-0298BC. The third LUST case (case no. 02-0946BC1) was opened in January 2002, and appears to be associated with surficial dumping of petroleum products at an unknown location within the BCCC Liberty Heights Campus. GTA has requested regulatory files from the MDE regarding BCCC UST and LUST regulatory listings, and the requested files are pending.



BCCC was additionally identified as a conditionally except small quantity generator of ignitable, corrosive, and reactive wastes (waste codes: D001, D002, D003) under the EPA RCRA. BCCC was previously identified as a RCRA large quantity generator in 1981, with no waste codes reported. Several RCRA violations were associated with BCCC in 2010. The available records do not indicate if the identified waste codes or violations are associated with the Site. BCCC personnel were not aware of hazardous wastes in association with the Site. GTA has requested additional information from the MDE regarding the RCRA violations, and a response is pending.

Several additional sites of environmental concern were identified in the surrounding Site vicinity. Tony's BP/Liberty BP gasoline station (2850 Liberty Heights Avenue, presently Carroll Petroleum) is located approximately 400 feet northwest and topographically cross-gradient of the Site, across Liberty Heights Avenue, and has operated as a gasoline station since at least the 1940s. Three closed LUST cases are associated with the BP regulatory site. Available MDE case information for LUST case no. 95-1190BC indicates that petroleum-contaminated groundwater was identified at the Site. A 24-hour remediation system was reportedly in use at the BP site and was associated with this LUST case. LUST case no. 95-1190BC was granted regulatory closure in March 2010. Releases and cleanups are additionally associated with the two remaining closed LUST cases. Based on the proximity of the BP regulatory site to the Site and the regulatory interaction associated with the property, GTA has requested regulatory files from the MDE for the BP facility, and the requested files are pending.

Based on the regulatory statuses of the remaining identified regulatory sites, their distances from the Site, and the anticipated direction of groundwater flow, the remaining identified regulatory sites are unlikely to have adversely affected the Site.

GTA has performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM Practice E1527-13 of the Site, as described herein. Any exceptions to, or deletions from, this practice are described in Section 2.0 of this report. This assessment has revealed no evidence of RECs in connection with the Site, except for the following:

• One 4,000-gallon heating oil UST and one 1,000-gallon diesel fuel UST are located adjacently north of the Site.

GTA recommends that the existing USTs be properly maintained and tightness tested. If no longer needed, the USTs should be removed in accordance with applicable regulations. An environmental evaluation of the excavation should be performed at the time of removal.

Although not considered a REC at this time, GTA recommends that the regulatory files for the BCCC and BP regulatory sites be reviewed to evaluate whether further environmental study of the Site is warranted and summarized in an addendum to this ESA.

GTA understands that the Bard Library is planned to be renovated under the BCCC Learning Commons project. GTA recommends that the renovation be performed in accordance with applicable environmental regulations, including those related to asbestos and lead-based paint. A Hazardous



Materials Survey would be necessary to evaluate if asbestos abatement or related special handling and disposal are necessary to demolish the buildings.



Important Information about This

Geoenvironmental Report

Geoenvironmental studies are commissioned to gain information about environmental conditions on and beneath the surface of a site. The more comprehensive the study, the more reliable the assessment is likely to be. But remember: Any such assessment is to a greater or lesser extent based on professional opinions about conditions that cannot be seen or tested. Accordingly, no matter how many data are developed, risks created by unanticipated conditions will always remain. Have realistic expectations. Work with your geoenvironmental consultant to manage known and unknown risks. Part of that process should already have been accomplished, through the risk allocation provisions you and your geoenvironmental professional discussed and included in your contract's general terms and conditions. This document is intended to explain some of the concepts that may be included in your agreement, and to pass along information and suggestions to help you manage your risk.

Beware of Change; Keep Your Geoenvironmental Professional Advised

The design of a geoenvironmental study considers a variety of factors that are subject to change. Changes can undermine the applicability of a report's findings, conclusions, and recommendations. *Advise your geoenvironmental professional about any changes you become aware of.* Geoenvironmental professionals cannot accept responsibility or liability for problems that occur because a report fails to consider conditions that did not exist when the study was designed. Ask your geoenvironmental professional about the types of changes you should be particularly alert to. Some of the most common include:

- modification of the proposed development or ownership group,
- sale or other property transfer,
- · replacement of or additions to the financing entity,

- amendment of existing regulations or introduction of new ones, or
- changes in the use or condition of adjacent property.

Should you become aware of any change, *do not rely on a geoenvironmental report*. Advise your geoenvironmental professional immediately; follow the professional's advice.

Recognize the Impact of Time

A geoenvironmental professional's findings, recommendations, and conclusions cannot remain valid indefinitely. The more time that passes, the more likely it is that important latent changes will occur. *Do not rely on a geoenvironmental report if too much time has elapsed since it was completed.* Ask your environmental professional to define "too much time." In the case of Phase I Environmental Site Assessments (ESAs), for example, more than 180 days after submission is generally considered "too much."

Prepare To Deal with Unanticipated Conditions

The findings, recommendations, and conclusions of a Phase I ESA report typically are based on a review of historical information, interviews, a site "walkover," and other forms of noninvasive research. When site subsurface conditions are not sampled in any way, the risk of unanticipated conditions is higher than it would otherwise be.

While borings, installation of monitoring wells, and similar invasive test methods can help reduce the risk of unanticipated conditions, *do not overvalue the effectiveness of testing*. Testing provides information about actual conditions only at the precise locations where samples are taken, and only when they are taken. Your geoenvironmental

professional has applied that specific information to develop a general opinion about environmental conditions. Actual conditions in areas not sampled may differ (sometimes sharply) from those predicted in a report. For example, a site may contain an unregistered underground storage tank that shows no surface trace of its existence. Even conditions in areas that were tested can change, sometimes suddenly, due to any number of events, not the least of which include occurrences at adjacent sites. Recognize, too, that even some conditions in tested areas may go undiscovered, because the tests or analytical methods used were designed to detect only those conditions assumed to exist.

Manage your risks by retaining your geoenvironmental professional to work with you as the project proceeds. Establish a contingency fund or other means to enable your geoenvironmental professional to respond rapidly, in order to limit the impact of unforeseen conditions. And to help prevent any misunderstanding, identify those empowered to authorize changes and the administrative procedures that should be followed.

Do Not Permit Any Other Party To Rely on the Report

Geoenvironmental professionals design their studies and prepare their reports to meet the specific needs of the clients who retain them, in light of the risk management methods that the client and geoenvironmental professional agree to, and the statutory, regulatory, or other requirements that apply. The study designed for a developer may differ sharply from one designed for a lender, insurer, public agency...or even another developer. Unless the report specifically states otherwise, it was developed for you and only you. Do not unilaterally permit any other party to rely on it. The report and the study underlying it may not be adequate for another party's needs, and you could be held liable for shortcomings your geoenvironmental professional was powerless to prevent or anticipate. Inform your geoenvironmental professional when you know or expect that someone else a third-party—will want to use or rely on the report. Do not permit third-party use or reliance until you first confer with the geoenvironmental professional who prepared the report. Additional testing, analysis, or study may be required and, in any event, appropriate terms and conditions should be agreed to so both you and your geoenvironmental professional are protected from third-party risks. *Any party* who relies on a geoenvironmental report without the express written permission of the professional who prepared it and the client for whom it was prepared may be solely liable for any problems that arise.

Avoid Misinterpretation of the Report

Design professionals and other parties may want to rely on the report in developing plans and specifications. They need to be advised, in writing, that their needs may not have been considered when the study's scope was developed, and, even if their needs were considered, they might misinterpret geoenvironmental findings, conclusions, and recommendations. Commission your geoenvironmental professional to explain pertinent elements of the report to others who are permitted to rely on it, and to review any plans, specifications or other instruments of professional service that incorporate any of the report's findings, conclusions, or recommendations. Your geoenvironmental professional has the best understanding of the issues involved, including the fundamental assumptions that underpinned the study's scope.

Give Contractors Access to the Report

Reduce the risk of delays, claims, and disputes by giving contractors access to the full report, providing that it is accompanied by a letter of transmittal that can protect you by making it unquestionably clear that: 1) the study was not conducted and the report was not prepared for purposes of bid development, and 2) the findings, conclusions, and recommendations included in the report are based on a variety of opinions, inferences, and assumptions and are subject to interpretation. Use the letter to also advise contractors to consult with your geoenvironmental professional to obtain clarifications, interpretations, and guidance (a fee may be required for this service), and that—in any event—they should conduct additional studies to obtain the specific type and extent of information each prefers for preparing a bid or cost estimate. Providing access to the full report, with the appropriate caveats, helps prevent formation of adversarial attitudes and claims of concealed or differing conditions. If a contractor elects to ignore the warnings and advice in the letter of transmittal, it would do so at its own risk. Your geoenvironmental professional should be able to help you prepare an effective letter.

Do Not Separate Documentation from the Report

Geoenvironmental reports often include supplemental documentation, such as maps and copies of regulatory files, permits, registrations, citations, and correspondence with regulatory agencies. If subsurface explorations were performed, the report may contain final boring logs and copies of laboratory data. If remediation activities occurred on site, the report may include: copies of daily field reports; waste manifests; and information about the disturbance of subsurface materials, the type and thickness of any fill placed on site, and fill placement practices, among other types of documentation. Do not separate supplemental documentation from the report. Do not, and do not permit any other party to redraw or modify any of the supplemental documentation for incorporation into other professionals' instruments of service.

Understand the Role of Standards

Unless they are incorporated into statutes or regulations, standard practices and standard guides developed by the American Society for Testing and Materials (ASTM) and other recognized standards-developing organizations (SDOs) are little more than aspirational methods agreed to by a consensus of a committee. The committees that develop standards may not comprise those best-qualified to establish methods and, no matter what, no standard method can possibly consider the infinite client- and project-specific variables that fly in the face of the theoretical "standard conditions" to which standard practices and standard guides apply. In fact, these variables can be so pronounced that geoenvironmental professionals who comply with every directive of an ASTM or other standard procedure could run afoul of local custom and practice, thus violating the standard of care. Accordingly, when geoenvironmental professionals indicate in their reports that they have performed a service "in general compliance" with one standard or another, it means they have applied professional judgement in creating and implementing a scope of service designed for the specific client and project involved, and which follows some of the general precepts laid out in the referenced standard. To the extent that a report indicates "general compliance" with a standard, you may wish to speak with your geoenvironmental professional to learn more about what was and was not done. Do not assume a given standard was followed to the letter. Research indicates that that seldom is the case.

Realize That Recommendations May Not Be Final

The technical recommendations included in a geoenvironmental report are based on assumptions about actual conditions, and so are preliminary or tentative. Final recommendations can be prepared only by observing actual conditions as they are exposed. For that reason, you should retain the geoenvironmental professional of record to observe construction and/or remediation activities on site, to permit rapid response to unanticipated conditions. The geoenvironmental professional who prepared the report cannot assume responsibility or liability for the report's recommendations if that professional is not retained to observe relevant site operations.

Understand That Geotechnical Issues Have Not Been Addressed

Unless geotechnical engineering was specifically included in the scope of professional service, a report is not likely to relate any findings, conclusions, or recommendations about the suitability of subsurface materials for construction purposes, especially when site remediation has been accomplished through the removal, replacement, encapsulation, or chemical treatment of on-site soils. The equipment, techniques, and testing used by geotechnical engineers differ markedly from those used by geoenvironmental professionals; their education, training, and experience are also significantly different. If you plan to build on the subject site, but have not yet had a geotechnical engineering study conducted, your geoenvironmental professional should be able to provide guidance about the next steps you should take. The same firm may provide the services you need.

Read Responsibility Provisions Closely

Geoenvironmental studies cannot be exact; they are based on professional judgement and opinion. Nonetheless, some clients, contractors, and others assume geoenvironmental reports are or certainly should be unerringly precise. Such assumptions have created unrealistic expectations that have led to wholly unwarranted claims and disputes. To help prevent such problems, geoenvironmental professionals have developed a number of report provisions and contract terms that explain who is responsible for what, and how risks are to be allocated. Some people mistake these for "exculpatory clauses," that is, provisions whose purpose is to transfer one party's rightful responsibilities and liabilities to someone else. Read the responsibility provisions included in a report and in the contract you and your geoenvironmental professional agreed to. Responsibility provisions are not "boilerplate." They are important.

Rely on Your Geoenvironmental Professional for Additional Assistance

Membership in the Geoprofessional Business Association exposes geoenvironmental professionals to a wide array of risk management techniques that can be of genuine benefit for everyone involved with a geoenvironmental project. Confer with your GBA-member geoenvironmental professional for more information.

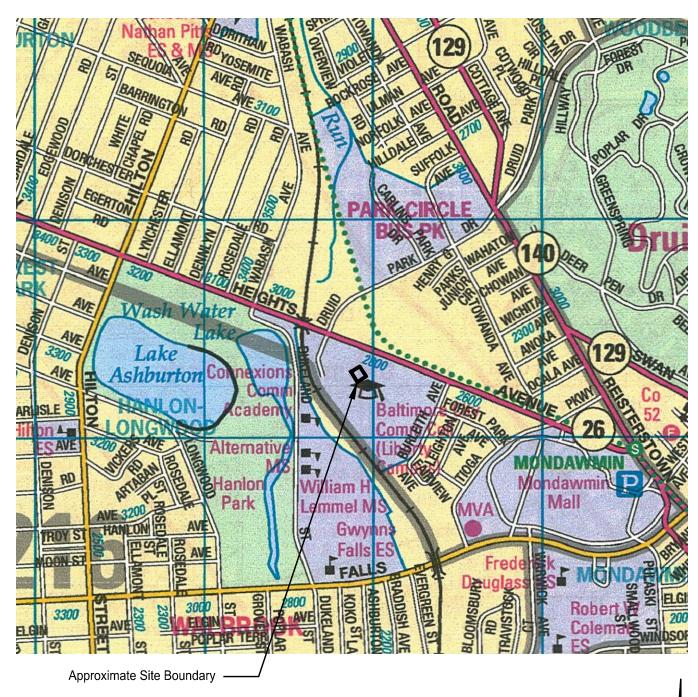


8811 Colesville Road/Suite G106, Silver Spring, MD 20910 Telephone: 301/565-2733 Facsimile: 301/589-2017 e-mail: info@geoprofessional.org www.geoprofessional.org

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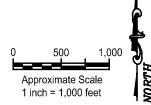
APPENDIX A Figures



Notes

1. Map Copyright © ADC The Map People, (800) 829-6277

2. Permitted Use Number 031282B





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BALTIMORE CITY, MARYLAND

SITE LOCATION MAP

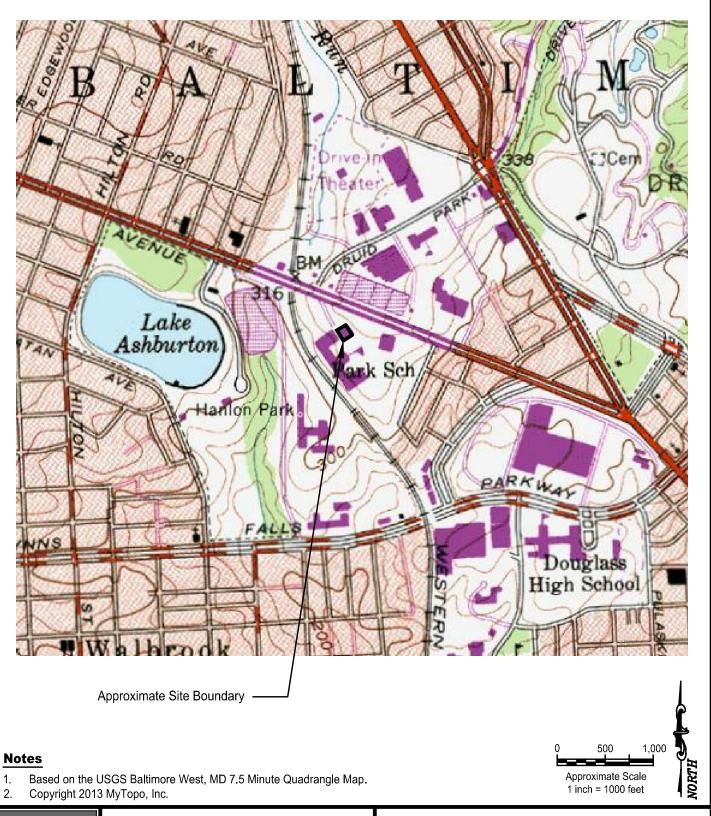
PROJECT: 31211148 DATE: July 2021

SCALE: 1" = 1,000'

DESIGN BY: PMD

REVIEW BY: KBD

FIGURE:





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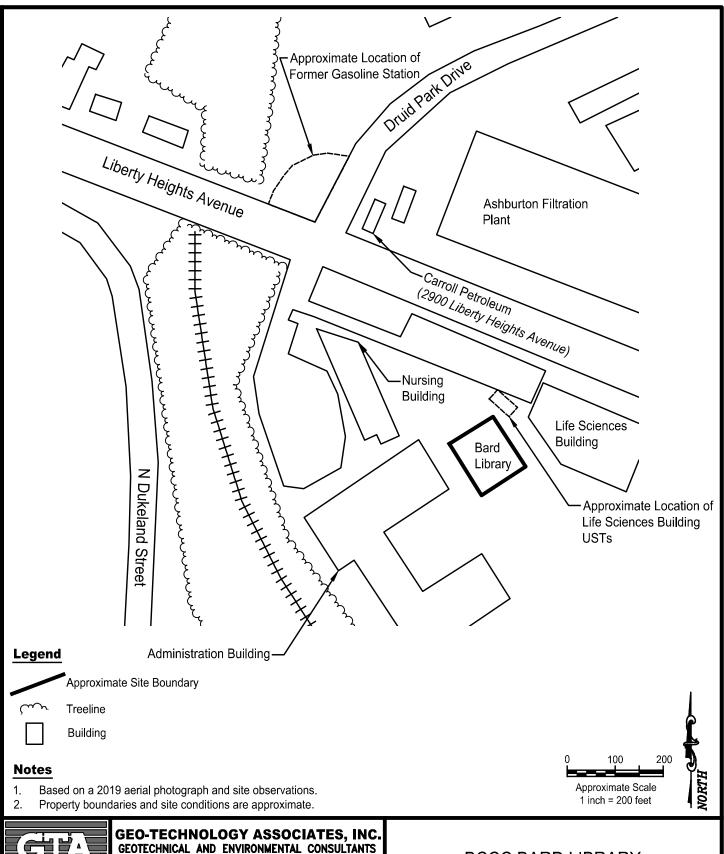
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TOPOGRAPHIC MAP

PROJECT: 31211148 DATE: July 2021 SCALE: 1" = 1,000' DESIGN BY: PMD REVIEW BY: KBD FIGURE:





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SITE SKETCH

DATE: July 2021 PROJECT: 31211148

SCALE: 1" = 200'

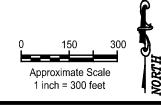
DESIGN BY: PMD REVIEW BY: KBD FIGURE:



Approximate Site Boundary

Notes

1. Base map image obtained from Environmental Data Resources, Inc.





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1938 AERIAL PHOTOGRAPH

PROJECT: 31211148 DATE: July 2021 SCALE: 1" = 300' DESIGN BY: PMD REVIEW BY: KBD FIGURE: 4

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BALTIMORE CITY, MARYLAND



Approximate Site Boundary -

Notes

1. Base image obtained from Google Earth (©2021 Google).

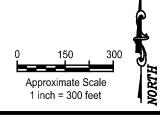


FIGURE: 5



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2019 AERIAL PHOTOGRAPH

PROJECT: 31211148 DATE: July 2021 SCALE: 1" = 300' DESIGN BY: PMD REVIEW BY: KBD



APPENDIX B Site Photographs



<u>Photo 1:</u> View of the Baltimore City Community College (BCCC) Bard Library (2901 Liberty Heights Avenue, "Site"). View is to the northeast.



Photo 2: Additional view of the Site. View is to the southwest.



Photo 3: View of common areas and library stack space on the first floor of the Bard Library.



Photo 4: View of library stack space on the second floor of the Bard Library.



Photo 5: View of a computer lab in basement of the Bard Library.



Photo 6: View of the Bard Library basement main mechanical room.



<u>Photo 7:</u> View of the elevator machine room, and associated hydraulic reservoir, located in the basement of the Bard Library.



Photo 8: View of a dry pad-mounted electrical transformer, located within the basement main mechanical room.



Photo 9: View of a heating, ventilation, and air conditioning unit within the basement main mechanical room.



<u>Photo 10:</u> View of underground storage tank (UST) manways associated with two USTs located adjacently north of the Site. View is to the northeast.



<u>Photo 11:</u> View of UST vent pipes and placards associated with the two USTs, located adjacently north of the Site. View is to the northwest.



<u>Photo 12:</u> View of the BCCC Life Sciences building, located adjacently northeast of the Site. View is to the northeast.



<u>Photo 13:</u> View of the BCCC Administration building, located approximately 100 feet south of the Site. View is to the south.



Photo 14: View of the BCCC Nursing building, located approximately 100 feet west of the Site. View is to the northwest.



<u>Photo 15:</u> View of the Carroll Petroleum (2850 Liberty Heights Avenue) gasoline station, located approximately 400 feet northwest of the Site. View is to the north.



<u>Photo 16:</u> View of the Ashburton Filtration Plant (3001 Druid Park Drive), located 300 to 1,000 feet north of the Site.



APPENDIX C Correspondence

GEO-TECHNOLOGY ASSOCIATES, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

A Practicing Geoprofessional Business Association Member Firm

July 7, 2021

Maryland Public Information Act Coordinator Maryland Department of the Environment 1800 Washington Boulevard, Suite 540 Baltimore, Maryland 21230

Attn: Ms. Amanda Redmiles

Re: Information Request

Baltimore City Community College

Baltimore, Maryland

GTA Project No. 31211148 (please reference on reply)

Dear Ms. Redmiles:

Geo-Technology Associates, Inc. (GTA) is conducting a Phase I Environmental Site Assessment (ESA) of the above property and is requesting any information from the following departments: Water Compliance; Water Supply; Emergency Operations; TMDL & Environmental Assessment; Land Restoration Program; Hazardous Waste; Solid Waste; Mining; Air Compliance; Oil Control Program; and the Resource Management Program.

Subject(s) of request				
Site	Site/Facility Name	Address	Other Identifying Information	
1	Baltimore City Community College		OCP Facility ID: 11151, OCP Case No(s).: 00-1625BC2, 02-094BC1, 11-0298BC,	
2	Amoco/ Tony's BP/ Liberty BP		OCP Facility ID: 7213, OCP Case No(s).: 95-1190BC1, 03-1852BC1, 04-0623BC1	

Please contact me with any questions, and feel free to mail or email the reply using the contact information below. Thank you for your assistance.

Sincerely, **GEO-TECHNOLOGY ASSOCIATES, INC.**

Caur Meiner

Colleen McMullen Environmental Scientist cmcmullen@gtaeng.com

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GEO-TECHNOLOGY ASSOCIATES, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

A Practicing GBA Member Firm



July 7, 2021

City of Baltimore Health Department Environmental Inspection Services 1001 East Fayette Street Baltimore, Maryland 21202

Attn: Ms. Angela T. Ross, Environmental Health Supervisor

Re: Information Request

Baltimore City Community College

Baltimore, Maryland

GTA Project No. 31211148 (please reference on reply)

Dear Ms. Ross:

Geo-Technology Associates, Inc. (GTA) is conducting a Phase I Environmental Site Assessment (ESA) of the above property and is requesting records of any environmental spills, incidents, releases, or cleanups; open, closed, or proposed landfills or dump sites; hazardous waste facilities; leaking underground storage tanks; or similar types of records.

Subject(s) of request				
Site	Site/Facility Name	Address	Other Identifying Information	
1	Baltimore City Community College	Baltimore, Maryland 21701	OCP Facility ID: 11151, OCP Case No(s).: 00-1625BC2, 02-094BC1, 11- 0298BC,	
2	Amoco/ Tony's BP/ Liberty BP		OCP Facility ID: 7213, OCP Case No(s).: 95-1190BC1, 03-1852BC1, 04-0623BC1	

Please contact me with any questions, and feel free to mail or email the reply using the contact information below. Thank you for your assistance.

Sincerely, **GEO-TECHNOLOGY ASSOCIATES, INC.**

Caun Meinen

Colleen McMullen Environmental Scientist cmcmullen@gtaeng.com

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PHASE I ENVIRONMENTAL SITE ASSESSMENT USER QUESTIONNAIRE

To: Mr. Robert Asbury / Noekler and Hull Associates, Inc.

From: Mr. Patrick Deery/ Environmental Scientist

Date: July 8, 2021



At your request, Geo-Technology Associates, Inc. (GTA) is performing a Phase I Environmental Site Assessment (ESA) of **Baltimore City Community College Bard Library**, in Baltimore, Maryland. As you probably know, we use the Phase I ESA to evaluate the likelihood that the site may have been impacted with petroleum or hazardous substances (i.e., we identify Recognized Environmental Conditions [RECs]).

Based on the current ASTM Standard (E1527-13), we need to ask you (as our client and the "User" of the report) several questions about the property. Although we are developing our own professional opinion about the site's environmental condition, ASTM requires that we ask you, as the User of the report, the following questions to obtain any relevant knowledge that you may have.

Please review the questions below and provide your responses (to the best of your knowledge), explaining any "yes" answers at the bottom of the page. Please either return the completed form, or call me to discuss with verbal responses.

1.	Environmental liens that are filed or recorded against the Site. Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the Site under federal, tribal, state, or local law?	☐ Yes ⊠ No	
2.	Activity and use limitations (AULs) that are in place on the Site or that have been filed or recorded against the Site. Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions, or institutional controls that are in place at the Site and/or have been filed or recorded against the Site under federal, tribal, state or local law?		
3.	Specialized knowledge or experience of the person seeking to qualify for Landowner Liability Protection. Do you have any specialized knowledge or experience related to the Site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?		
4.	Relationship of the purchase price to the fair market value of the Site if it were not contaminated. Do you have reason to believe that the purchase price of the Site is lower than the fair market value due to the known or suspected presence of contamination?	☐ Yes ☑ No	
5.	Commonly known or reasonably ascertainable information about the Site (40 CFR 312.30). Are you aware of commonly known or reasonably ascertainable information about the Site that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, a) Do you know the past uses of the property? b) Do you know of specific chemicals that are present or once were present at the property? c) Do you know of spills or other chemical releases that have taken place at the property? d) Do you know of any environmental cleanups that have taken place at the property?	☐ Yes ☑ No	

6.	6. The degree of obviousness of the presence or likely presence of contamination at the Site, and the ability to detect the contamination by appropriate investigation. Based on your knowledge and experience related to the Site, are there any obvious indicators that point to the presence or likely presence of releases at the Site?		
Pleas	e explain any "yes" answers:		
Name	0410	Company Noscusal & Hou	
Signa	iture	Date	



APPENDIX D Historical Research

Baltimore City Community College

2901 Liberty Heights Avenue Baltimore, MD 21215

Inquiry Number: 6546763.8

June 21, 2021

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

06/21/21

Site Name:

Client Name:

Baltimore City Community Colle 2901 Liberty Heights Avenue Baltimore, MD 21215 EDR Inquiry # 6546763.8

Geo-Technology Associates Inc. 14280 Park Centre Drive Laurel, MD 20707-5228 Contact: Patrick Deery



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	Source
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
1994	1"=500'	Acquisition Date: April 04, 1994	USGS/DOQQ
1988	1"=500'	Flight Date: April 10, 1988	NAPP
1981	1"=500'	Flight Date: February 04, 1981	NHAP
1973	1"=500'	Flight Date: June 14, 1973	USGS
1971	1"=500'	Flight Date: September 25, 1971	USDA
1957	1"=500'	Flight Date: September 27, 1957	USDA
1952	1"=500'	Flight Date: August 26, 1952	USDA
1943	1"=500'	Flight Date: April 26, 1943	USDA
1938	1"=500'	Flight Date: April 11, 1938	USDA

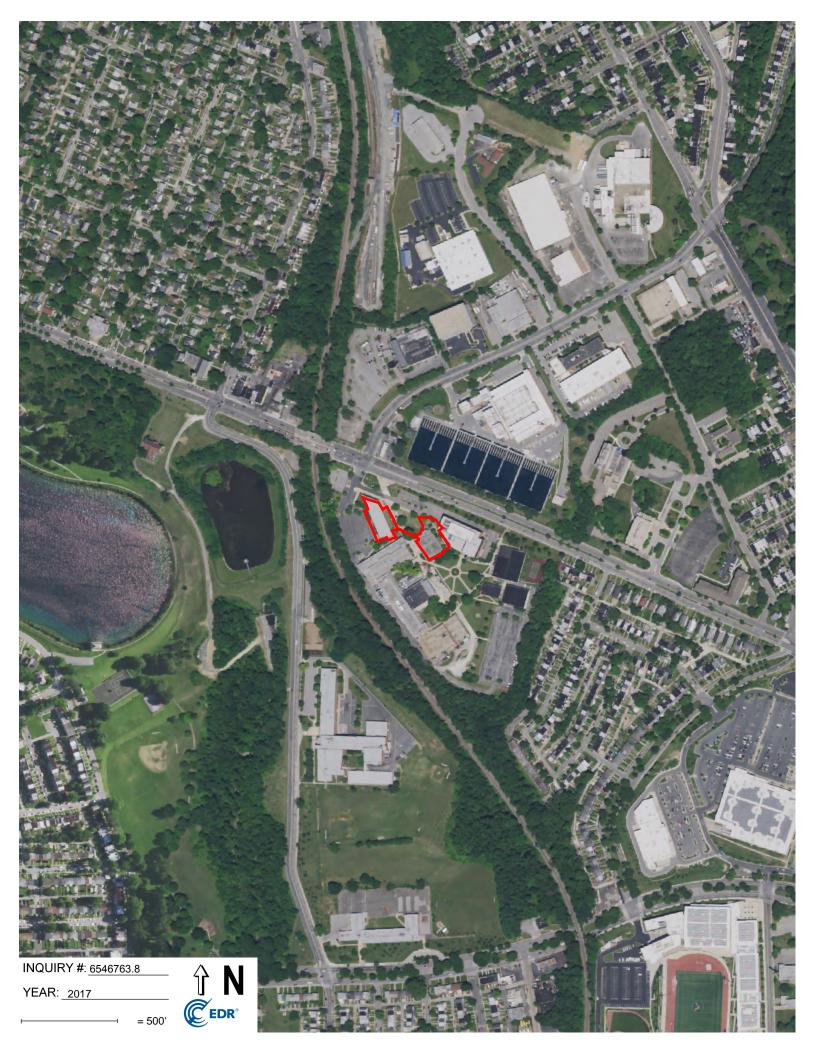
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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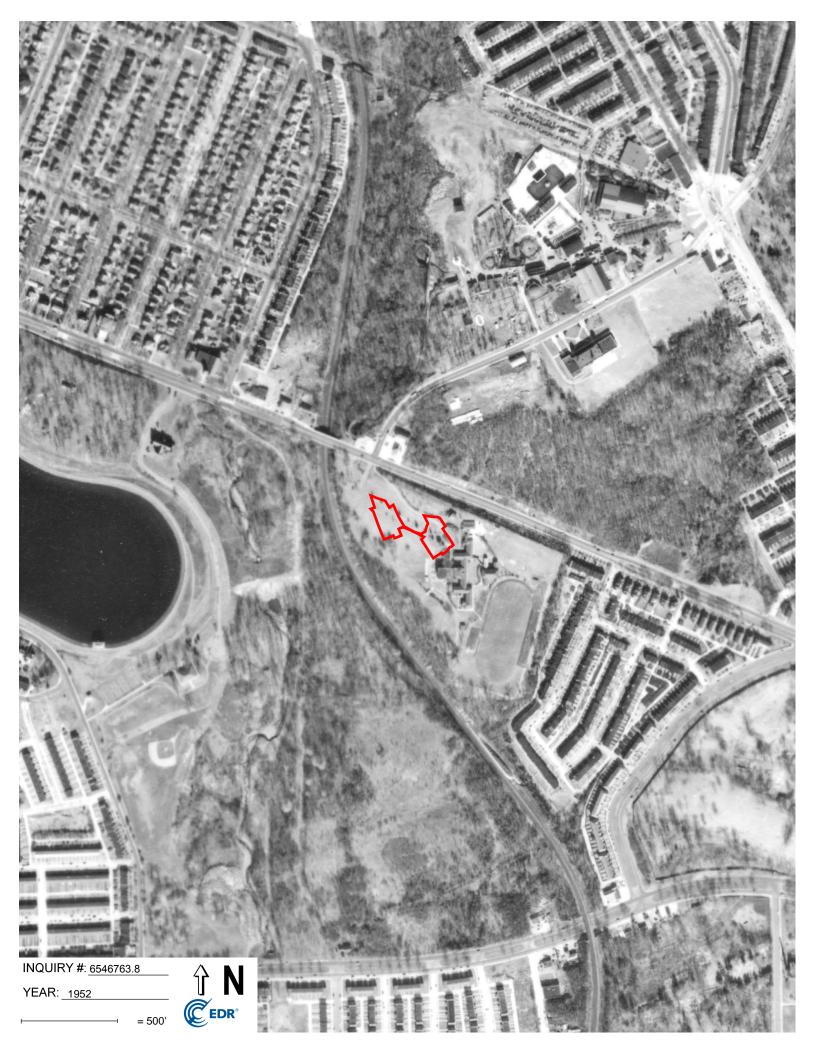




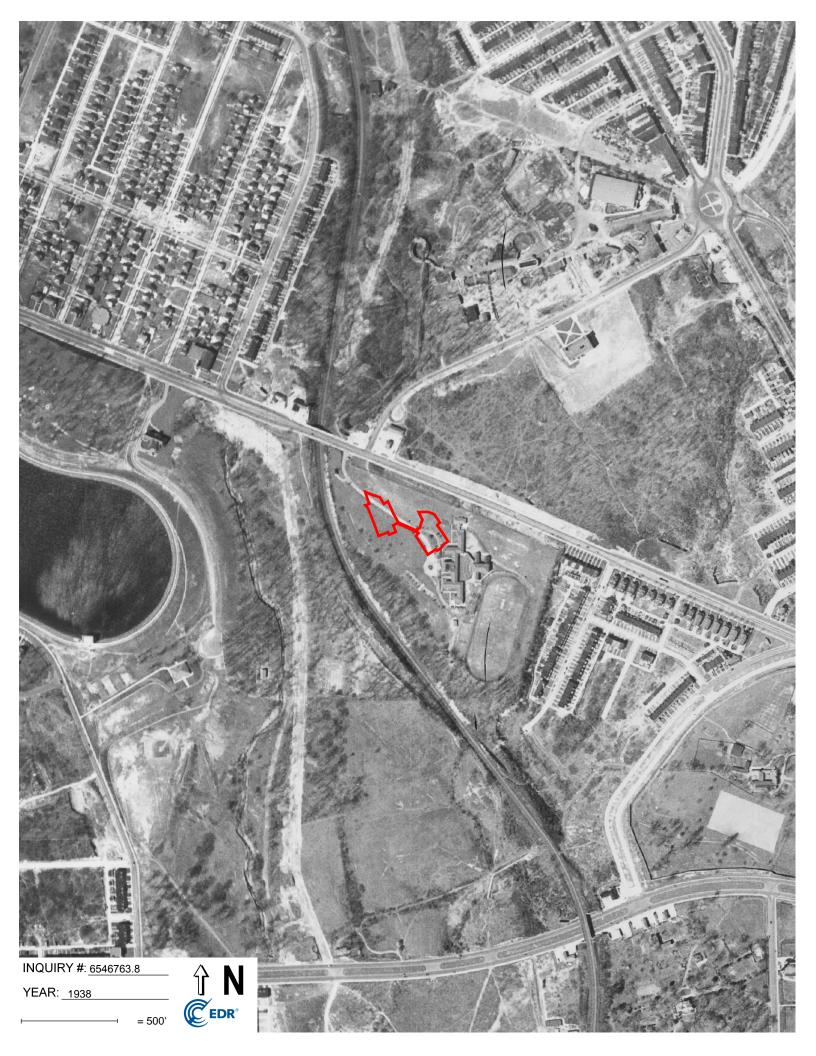












Baltimore City Community College 2901 Liberty Heights Avenue Baltimore, MD 21215

Inquiry Number: 6546763.3

June 23, 2021

Certified Sanborn® Map Report



Certified Sanborn® Map Report

06/23/21

Site Name:

Client Name:

Baltimore City Community Colle 2901 Liberty Heights Avenue Baltimore, MD 21215 EDR Inquiry # 6546763.3

Geo-Technology Associates Inc. 14280 Park Centre Drive Laurel. MD 20707-5228 Contact: Patrick Deery



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Geo-Technology Associates Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 4EFF-49BA-B53B

PO#

BCCC Library & Nursing Bldgs **Project**

Maps Provided:

1982

1979

1965

1952 1950

1929



Sanborn® Library search results

Certification #: 4EFF-49BA-B53B

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

Library of Congress



✓ University Publications of America



▼ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1982 Source Sheets



Volume 9, Sheet 926 1982



Volume 9, Sheet 954 1982

1979 Source Sheets



Volume 9, Sheet 926 1979



Volume 9, Sheet 954

1965 Source Sheets



Volume 9, Sheet 954 1965

1952 Source Sheets



Volume 9, Sheet 954 1952

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 9, Sheet 954 1950

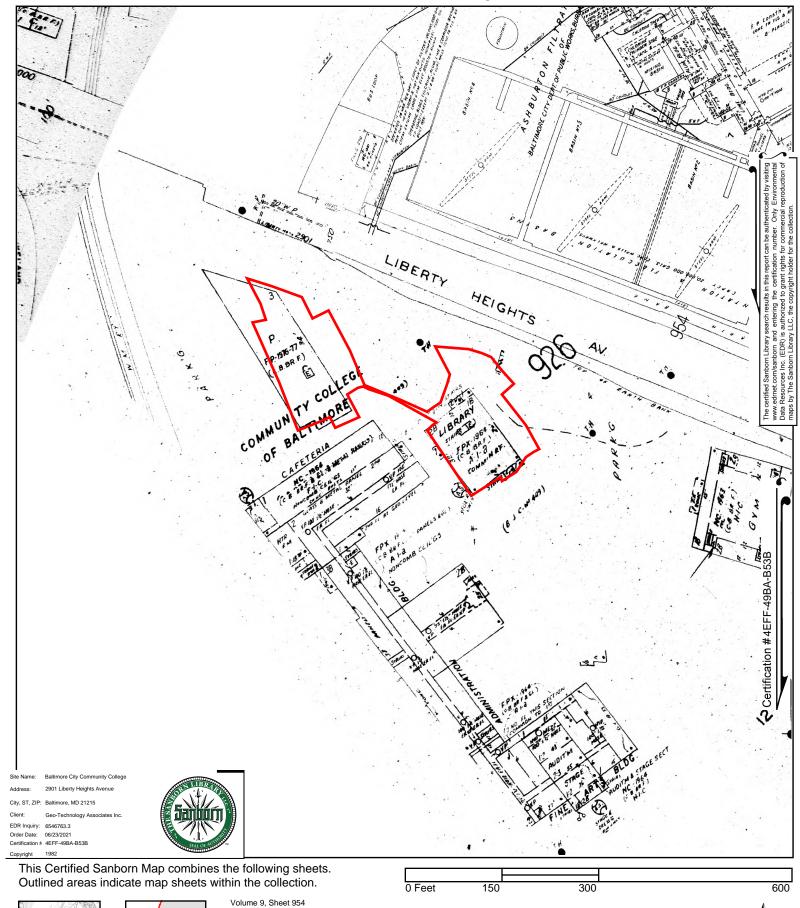
1929 Source Sheets



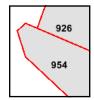
Volume 9, Sheet 954 1929



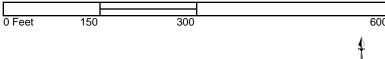


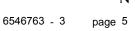






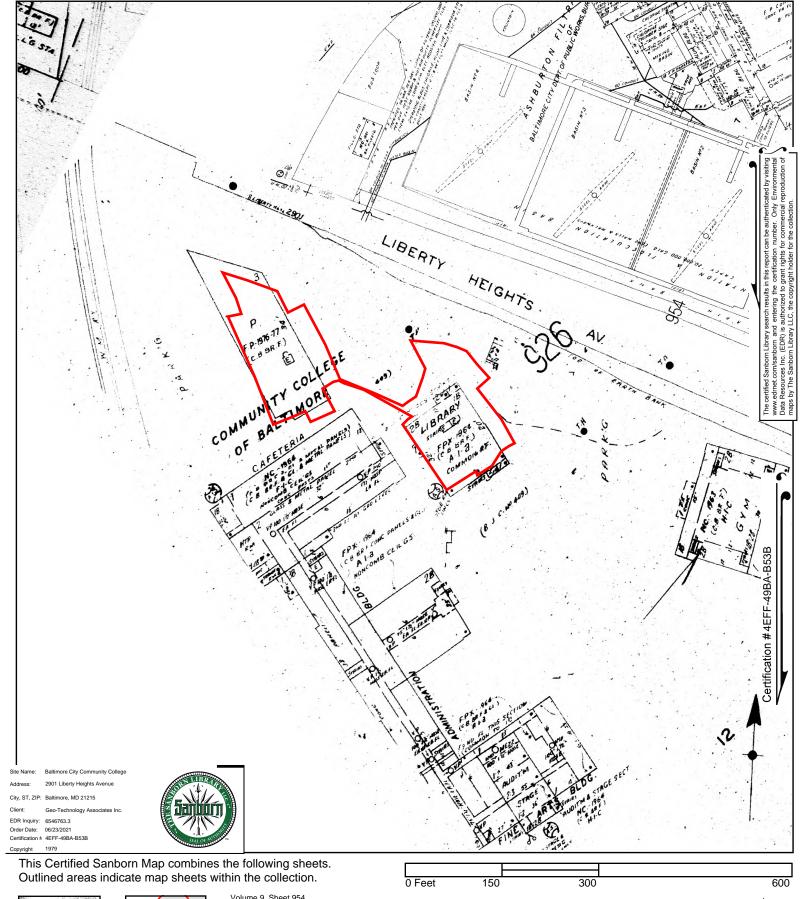
Volume 9, Sheet 954 Volume 9, Sheet 926



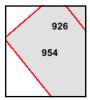




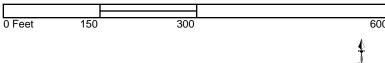






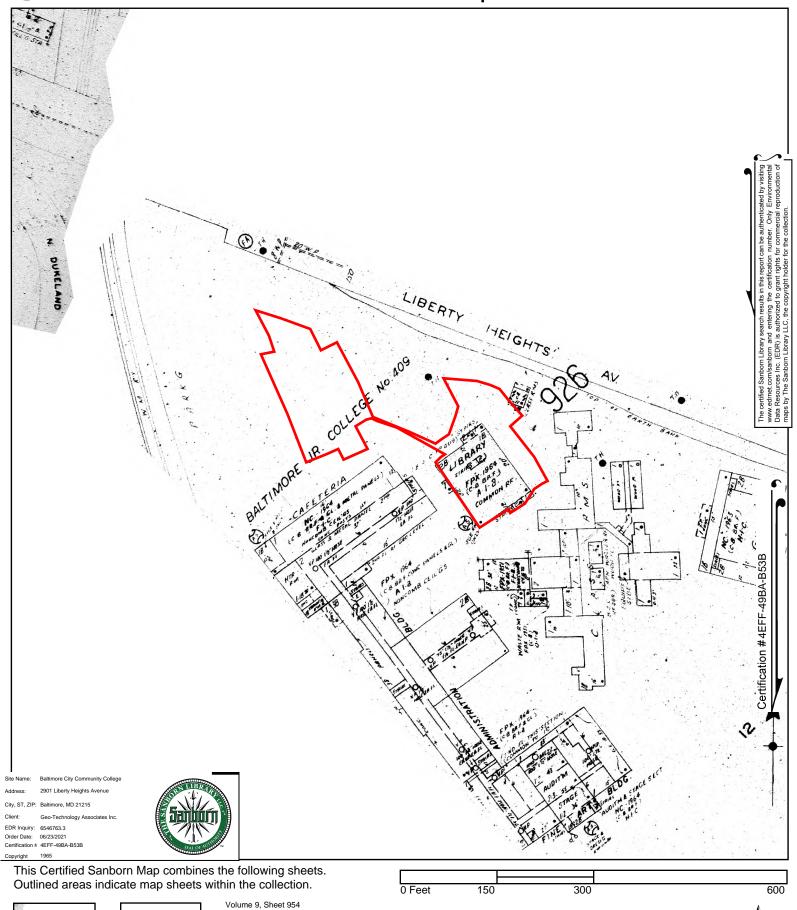


Volume 9, Sheet 954 Volume 9, Sheet 926



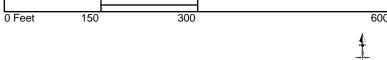








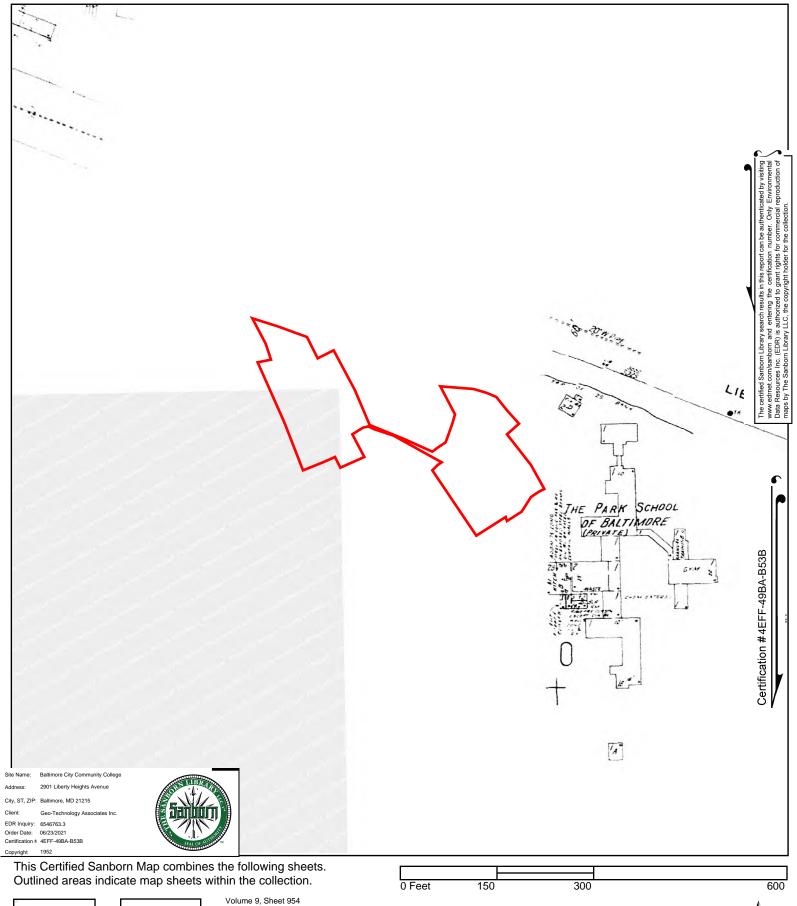




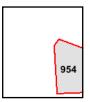
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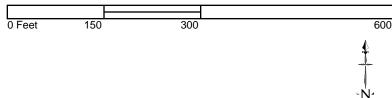
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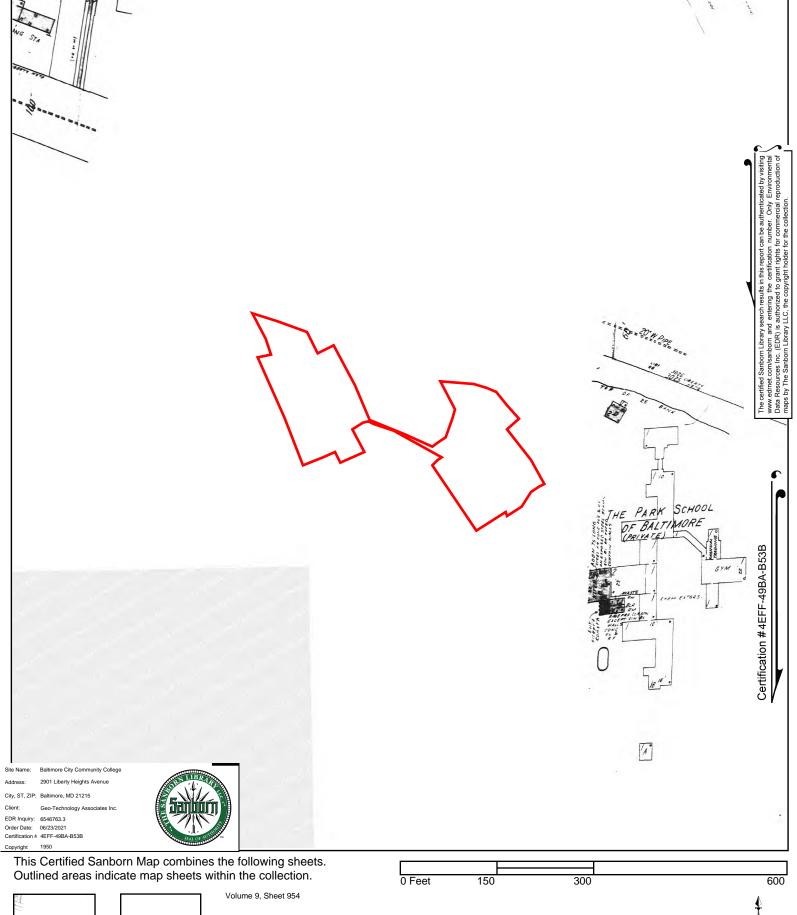




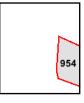


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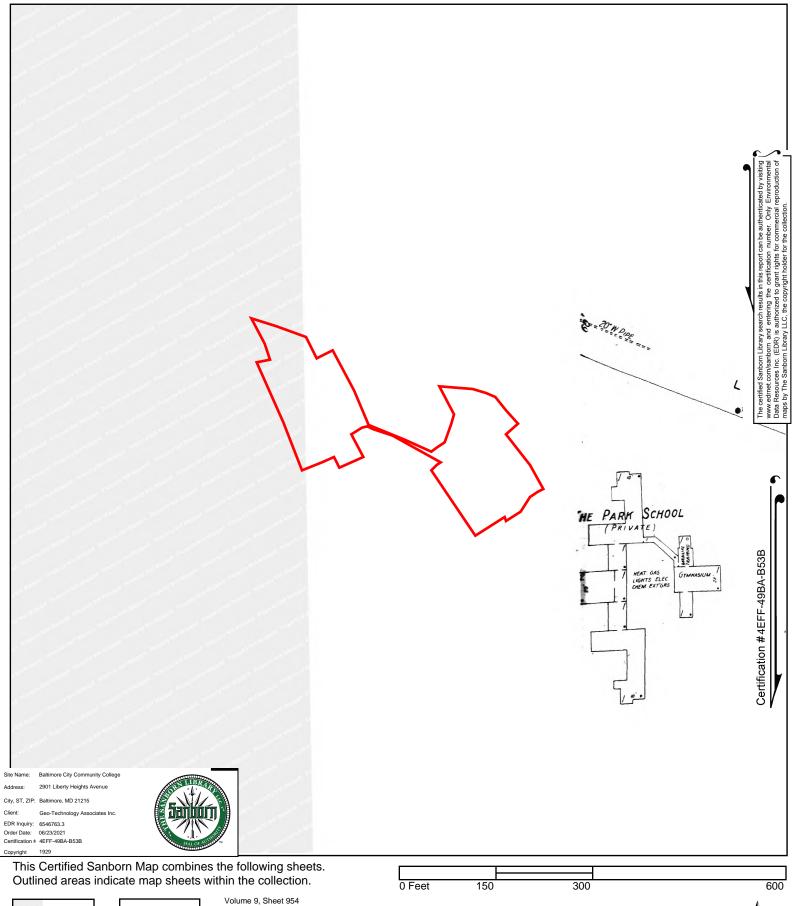




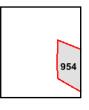


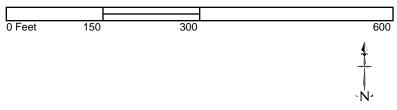
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Baltimore City Community College

2901 Liberty Heights Avenue Baltimore, MD 21215

Inquiry Number: 6546763.5

June 23, 2021

The EDR-City Directory Abstract



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SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.Please contact EDR at 1-800-352-0050 with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2017. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	Text Abstract	Source Image
2017	Cole Information Services	X	Χ	X	-
2014	Cole Information Services	Χ	X	X	-
2009	Cole Information Services	Χ	X	X	-
2005	Hill Donnelly	-	X	X	-
	Hill Donnelly	Χ	X	X	-
2004	Cole Information Services	Χ	X	X	-
2002	STEWART DIRECTORIES	-	X	X	-
	STEWART DIRECTORIES	Χ	X	X	-
1999	Cole Information Services	Χ	X	X	-
1994	Cole Information Services	Χ	X	X	-

EXECUTIVE SUMMARY

<u>Year</u>	Source	<u>TP</u>	<u>Adjoining</u>	Text Abstract	Source Image
1993	THE CHESAPEAKE AND POTOMIC TELEPHONE COMPANY O BALTIMORE CITY	-	X	X	-
1990	The Chesapeake and Potomac Telephone Company of Baltimore City	-	-	-	-
1984	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND	-	X	X	-
	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND	X	X	X	-
1980	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND	-	X	X	-
	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND	X	X	X	-
1975	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND	-	X	X	-
	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND	Χ	X	X	-
1971	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND	-	X	X	-
	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND	X	X	X	-
1964	R. L. Polk & Co.	-	X	Χ	-
	R. L. Polk & Co.	Χ	X	X	-
1960	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND	-	X	X	-
1959	R. L. Polk & Co.	-	-	-	-
1958	R. L. Polk & Co.	-	X	X	-
	R. L. Polk & Co.	Χ	X	X	-
1955	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF BALTIMORE CITY	-	-	-	-
1952	THE CHESAPEAKE	-	X	X	-
	THE CHESAPEAKE	Χ	X	X	-
1946	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF BALTIMORE CITY	-	X	X	-
1942	R. L. Polk & Co.	-	X	Χ	-
1930	R. L. POLK & CO. OF BALTIMORE INC.	-	Χ	X	-
1925	R. L. POLK & CO. OF BALTIMORE	-	-	-	-
1920	R. L. POLK & CO. OF BALTIMORE	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

AddressTypeFindings2717 Druid Park DriveClient Entered

TARGET PROPERTY INFORMATION

ADDRESS

2901 Liberty Heights Avenue Baltimore, MD 21215

FINDINGS DETAIL

Target Property research detail.

LIBERTY HEIGHTS AVE

2901 LIBERTY HEIGHTS AVE

Year	Uses	Source
	<u>03e3</u>	
2017	BALTIMORE CITY COMMUNITY COLLEGE	Cole Information Services
	MARNELLS FOOD SERVICE	Cole Information Services
	RADIO PARK CLEANERS	Cole Information Services
	RADIO READING NETWORK OF MARYLAND	Cole Information Services
	SOMD OAG	Cole Information Services
2014	COMMUNITY COLLEGE OF BALTIMORE	Cole Information Services
	MARNELLS FOOD SERVICE	Cole Information Services
	RADIO READING NETWORK OF MARYLAND	Cole Information Services
	WBJC 91 5 FM CLASSICAL MUSIC	Cole Information Services
	WBJCFM NATIONAL PUBLIC RADIO	Cole Information Services
2009	BALTIMORE CITY COMMUNITY COLLEGE	Cole Information Services
	BARD LIBRARY	Cole Information Services
	FOLLETT HIGHER EDUCATION GROUP INC	Cole Information Services
	LIBERTY FINANCIAL SERVICES INC	Cole Information Services
	MARYLAND DISTANCE LEARNING ASSOCIATI	Cole Information Services
	RADIO READING NETWORK OF MARYLAND	Cole Information Services
	ROY KIRBY & SONS INC	Cole Information Services
2005	Baltimore City Community CLG	Hill Donnelly
	Bard Library	Hill Donnelly
	Radio Reading Network	Hill Donnelly
	Russian Radio Network	Hill Donnelly
	Wbjc 91 5 FM Classical	Hill Donnelly
2004	BALTIMORE CITY CMTY COLL BK	Cole Information Services

<u>Year</u>	<u>Uses</u>	Source
2004	BARD LIBRARY	Cole Information Services
	BCCC CASHIERS OFFICE	Cole Information Services
	BRYNES A J REST	Cole Information Services
	MARYLAND DISTANCE LRNNG ASCTN	Cole Information Services
	PHYSICAL THERAPY ASSTNC PRGRM	Cole Information Services
	RADIO READING NTWRK OF MRYLND	Cole Information Services
	WBJC 91 5 FM CLASSICAL MUSIC	Cole Information Services
	WRBS RADIO	Cole Information Services
1999	BALTIMORE CITY COMMUNITY COLLEGE	Cole Information Services
	MARYLAND STAT GOVERNMENT STAT COLLEGES & UNIVERSITIES	Cole Information Services
	PHYSICAL THERAPY ASSISTANCE PROGRAM	Cole Information Services
	RADIO READING NETWORK OF MARYLAND	Cole Information Services
	WBJC 91 5 FM CLASSICAL MUSIC	Cole Information Services
1994	COMMUNITY COLLEGE OF BALTIMORE	Cole Information Services
	RADIO READING NETWORK MARYLAND	Cole Information Services
	WBJC CLASSICAL MUSIC	Cole Information Services
1984	Baltimores Radio Reading Service	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Carey & Canon	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Community College Of Baltimore	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Occupational Therapy Assistants Program	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Occupational Therapy Association Of Maryland	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Physical Therapy Assistance Program	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	WBJC FM NATIONAL PUBLIC RADIO	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1975	B A YBALTIMORE ANSWENS YOU CITY COUNCIL City Hall OFFICE OF THE PRESIDENT Chief Clerk OFFICES OF THE CITY COUNCILMEN Councilmanic District 1 Councilmanic District 2 Counc	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	COMMUNITY COLLEGE OF BALTIMORE	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Community College Of Baltimore Student Government Association	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Occupational Therapy Assistants Program	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Occupational Therapy Association Of Maryland	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Physical Therapist Assistants Program	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Urban Regional Learning Center	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	WBJC FM NATIONAL PUBLIC RADIO	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1964	No Return	R. L. Polk & Co.
1958	Park School priv A L	R. L. Polk & Co.
	Thomason Robt A cor Trinity Meth Ceh A LI	R. L. Polk & Co.
1952	Ofc	THE CHESAPEAKE
	Park School	THE CHESAPEAKE

LIBERTY HEIGHTS TER

2901 LIBERTY HEIGHTS TER

<u>Year</u>	<u>Uses</u>	Source
2002	ACADEMIC DEPARTMENT Alied Health	STEWART DIRECTORIES
	Academic Development	STEWART DIRECTORIES
	ADMINISTRATIVE & FINANCE Bookslore	STEWART DIRECTORIES
	Admissions	STEWART DIRECTORIES
	Baltimore City Community College	STEWART DIRECTORIES
	Bus & In System	STEWART DIRECTORIES
	COMMUNITY COLLEGE OF BALTO	STEWART DIRECTORIES
	Contracts Otfice	STEWART DIRECTORIES
	Counseling Career Svcs Transter	STEWART DIRECTORIES
	Disabled Student Svcs	STEWART DIRECTORIES
	e Central Receiving	STEWART DIRECTORIES
	English Speech & Foreign	STEWART DIRECTORIES
	Evening Weekend & Special Sessions	STEWART DIRECTORIES
	Faclities Planning	STEWART DIRECTORIES
	Finandal Aid	STEWART DIRECTORIES
	General Accounting	STEWART DIRECTORIES
	Human Resources	STEWART DIRECTORIES
	Human Services	STEWART DIRECTORIES
	Job Placement	STEWART DIRECTORIES
	LIBERTY CAMPUS	STEWART DIRECTORIES
	LIBERTY CAMPUS Contd	STEWART DIRECTORIES
	LIBERTY HEIGHTS AVE 21215 HOOPLAH Contd	STEWART DIRECTORIES

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Math Engnrg & Computer Services	STEWART DIRECTORIES
	Natsral & Physical Sciences	STEWART DIRECTORIES
	Nursing	STEWART DIRECTORIES
	Physical Therapy Assistance Program	STEWART DIRECTORIES
	Presidenrs Office	STEWART DIRECTORIES
	Puhlic Relations	STEWART DIRECTORIES
	Purchasing	STEWART DIRECTORIES
	Radio Reading Network OCMaryland	STEWART DIRECTORIES
	Regishation Ofc	STEWART DIRECTORIES
	s Grants Admn Ofc C	STEWART DIRECTORIES
	Security & Pub Satety	STEWART DIRECTORIES
	Social & Behavioral Sciences	STEWART DIRECTORIES
	Student Accounting	STEWART DIRECTORIES
	STUDENT AFFAIRS Academic Affairs	STEWART DIRECTORIES
	Student Life	STEWART DIRECTORIES
	Test Center	STEWART DIRECTORIES
	Ubrary	STEWART DIRECTORIES
	Veterans Affairs	STEWART DIRECTORIES
	Wabash Ave	STEWART DIRECTORIES
1980	Baltimores Radio Reading Service	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Community College Of Baltimore	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Occupational Therapy Assistants Program	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Occupational Therapy Association Of Maryland	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Physical Therapy Assistance Program	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND

LIBERTY HETGLIHTS AVE

2901 LIBERTY HETGLIHTS AVE

<u>Year</u>	<u>Uses</u>	Source
1971	Occupational Therapy Assistanits Program	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

DRUID PARK

3002 DRUID PARK

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Druid Hi 11 Park between Pennsyl	R. L. Polk & Co.

<u>DRUID PARK DR</u>

3000 DRUID PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	OTIS WARREN MGMT	Cole Information Services
	ALLEN & SON MOVING & STORAGE	Cole Information Services
	FADE TO BLACK VIDEO & EVENT PRODUCTI	Cole Information Services
2014	OTIS WARREN MGMT	Cole Information Services
	WARREN OTIS	Cole Information Services
	ALLEN & SON MOVING & STORAGE	Cole Information Services
	INKBALL GRAPHICS	Cole Information Services
	BEHAVIORAL INTERFACE LLC	Cole Information Services
	FADE TO BLACK VIDEO & EVENT PRODUCTI	Cole Information Services
2009	ENVIRONMENTAL ENGRG CONSTRUCTION INC	Cole Information Services
	THE SHIRTERY LLC	Cole Information Services
	MOES ART & DESIGN	Cole Information Services
	US HOUSE OF REPRESENTATIVES	Cole Information Services
	UNITED STATES HOUSE REP	Cole Information Services
2005	US Congress G	Hill Donnelly
	Child First Authority Inc	Hill Donnelly
	Contract Support Svc Inc i F	Hill Donnelly
	Shirtery 1 R	Hill Donnelly
	Dressing Room 1 R	Hill Donnelly
2004	SAINT DAVID S HOMES INC	Cole Information Services
	FIT FOR LIFE PERSONAL TRAINING INC	Cole Information Services
	THE SHIRTERY LLC	Cole Information Services
	THE DRESSING ROOM	Cole Information Services

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	CHILD FIRST AUTHORITY INC	Cole Information Services
2002	o Child First Auth Inc Of Baltimore	STEWART DIRECTORIES
	PARK CIRCLE CENTER	STEWART DIRECTORIES
1999	CUMMINGS ELIJAH CONGRESSMAN DISTRICT OFFICE	Cole Information Services
	U S GOVERNMENT DEPARTMENTS CONGRESS MEMBERS OF	Cole Information Services
1994	PARK CIRCLE COUNSELING CTR	Cole Information Services
	DIAMOND DIVERSIFIED SVC	Cole Information Services
	PRIMERICA FINANCIAL SVC	Cole Information Services
	ELIAS CONTRACTING CORP	Cole Information Services
	WBGR	Cole Information Services
1993	MFUME Kweisi Congressman dist ofc	THE CHESAPEAKE AND POTOMIC TELEPHONE COMPANY O BALTIMORE CITY
	WILLIAMS A L simpson region	THE CHESAPEAKE AND POTOMIC TELEPHONE COMPANY O BALTIMORE CITY
1984	Ainsworth Paint & Chemical Co	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Brown J W Construction	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Central Window Co	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	UNITED SOUNDS OF AMERICA INC	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1975	BALTIMORE CITY SOCIAL SERVICES DEPARTMENT NEIGHBORHOOD CENTERS APPLICATIONS & SOCIAL SERVIC	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Park Circle	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	CARRIER AIR CONDITIONING DISTRIBUTOR	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	UNITED PRODUCTS DISTRIBUTORS INC Ofc	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	BALTIMORE CITY SOCIAL SERVICES DEPARTMENT NEIGHBORHOOD CENTERS APPLICATIONS & SOCIAL SERVIC	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Park Circle	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	CARRIER AIR CONDITIONING DISTRIBUTOR	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	UNITED PRODUCTS DISTRIBUTORS INC Ofc	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Ofc	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Whse MoreInd Av&W Md RR	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Nights Sundays&Holtdays call	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1964	United Clay & Supply Corp T	R. L. Polk & Co.
	Charge It of Dalto Inc P 07 S	R. L. Polk & Co.
1960	CHARG IT OF BALTIMORE	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND

3001 DRUID PARK DR

<u>Year</u>	<u>Uses</u>	Source
2017	MAYOR & CITY COUNCIL	Cole Information Services
2009	CITY OF BALTIMORE	Cole Information Services
	ASHBURTON FILTRATION PLANT	Cole Information Services
2005	Ashburton Filtration Plant	Hill Donnelly
	CWC Sheet Metal Inc	Hill Donnelly
2004	ASHBURTON FILTRATION PLANT	Cole Information Services
	ASHBURTON PUMPING STATION	Cole Information Services
	WNUV TV TRANSMITTER	Cole Information Services
2002	ASHBURTON FILTRATION PLANT	STEWART DIRECTORIES
	WATER DEPT	STEWART DIRECTORIES
	OBadimore Co	STEWART DIRECTORIES
	Water Service Water Billnto In o	STEWART DIRECTORIES
1994	ASHBURTON FILTRATION PLANT	Cole Information Services
	WNUV	Cole Information Services
1984	New Vision Inc	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Brown J W Construction	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1964	City Water Supply 13ur of Water	R. L. Polk & Co.
	Eong phone	R. L. Polk & Co.
	Edwards S Everett phone	R. L. Polk & Co.
1952	Druid shaft	THE CHESAPEAKE
	UD DADK DD	

3002 DRUID PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	BALTIMORE CITY HEALTHY START INC	Cole Information Services
	CENTER FOR FATHERS FAMILIES & WORKFO	Cole Information Services
2005	Center For Fathers Families	Hill Donnelly

<u>Year</u>	<u>Uses</u>	Source
2005	Institute For Career Dev	Hill Donnelly
2004	CTR FOR FATHERS FMLY & WORK F	Cole Information Services
	DUPONT CIRCLE PROJECT INC	Cole Information Services
2002	ONew Mark TD Excellence School The	STEWART DIRECTORIES
	OHealthy Start Church Square Site Site	STEWART DIRECTORIES
	Families 4 Workdorce Development	STEWART DIRECTORIES
	OCenter For Fathers	STEWART DIRECTORIES
	Baltimore City Healthy Start Inc	STEWART DIRECTORIES
1999	HEALTHY START CHURCH SQUARE SITE	Cole Information Services
	BALTO PROJECT HEALTHY START INCORPORATED	Cole Information Services
1994	PARK HEIGHTS DEVELOPMENT CORP	Cole Information Services
	STARR PRODUCTION DANCE STUDIO	Cole Information Services
1984	AFRICAN AMERICAN NEWS & WORLD REPORT	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Baltimore Lighting Supply	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Brown J W Construction	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Damon Construction Co Inc	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Park Heights Development Corporation	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1975	A & A Advertising	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Coplan Alfred I ofc	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Data Bureau Inc	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Reliable Stores Corp	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	A & A Advertising	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Coplan Alfred I ofc	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Data Bureau Inc	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Reliable Stores Corp	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1971	Urwick Bessie ofc	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Coplan Alfred I ofc	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Reliable Stores Corp	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Straus Aaran&Lillle Foundation Inc	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1964	Strauss Aaron & Lillie Founda	R. L. Polk & Co.
	tion Inc phone	R. L. Polk & Co.
	Reliable Stores Corp ofo furn I	R. L. Polk & Co.

3006 DRUID PARK DR

<u>Year</u>	<u>Uses</u>	Source
2017	FIND LOCAL STORAGE	Cole Information Services
	EZSTORAGE	Cole Information Services
2005	Marchesani A v V	Hill Donnelly
	E Z Store Self Storage	Hill Donnelly
	Sene Sylvia & Masse v	Hill Donnelly
2002	Ctanbro	STEWART DIRECTORIES
1999	KAUFMANS WAREHOUSE	Cole Information Services
1994	ADVANCE STORAGE MOVERS	Cole Information Services
1984	ADVANCE STORAGE MOVERS	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Advance Special Products Division	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1980	ALLIED VAN LINES INC	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1975	ALLIED VAN LINES INC	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	MONUMENTAL SECURITY STORAGE CO	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	MONUMENTAL STORAGE CO	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	SECURITY STORAGE CO	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	ALLIED VAN LINES INC	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	MONUMENTAL SECURITY STORAGE CO	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	MONUMENTAL STORAGE CO	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	SECURITY STORAGE CO	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND

3062 DRUID PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Figgs Jos H A BE	R. L. Polk & Co.

<u>Year</u> <u>Uses</u> <u>Source</u>

1958 XVItitecarver Clarence A TU R. L. Polk & Co.

3067 DRUID PARK DR

YearUsesSource1958Ott Anna L MrsR. L. Polk & Co.Holbrook Wm NR. L. Polk & Co.

Holbrook Wm N R. L. Polk & Co.

Brown Roland L R. L. Polk & Co.

3077 DRUID PARK DR

<u>Year</u> <u>Uses</u> <u>Source</u>

1958 Ambrose Milton H A HO R. L. Polk & Co.

LIBERTY HEIGHTS AVE

2850 LIBERTY HEIGHTS AVE

<u>Year</u>	<u>Uses</u>	Source
2017	ALL IN ONE LOCKSMITH SHOP	Cole Information Services
	123PEST CONTROL COM	Cole Information Services
	RIJEN AUTOMOTIVE LIBERTY HEIGHTS	Cole Information Services
	LIBERTY HEIGHTS BB	Cole Information Services
	LOCKSMITH 24 HR 7 DAYS A WEEK 15 MIN	Cole Information Services
	ВР	Cole Information Services
2014	123PEST CONTROL COM	Cole Information Services
	RAM & SONS AUTO INC	Cole Information Services
	LOCKSMITH 24 HR 7 DAYS A WEEK 15 MIN	Cole Information Services
	AFI PETRO INC DBA PARK CIRCLE BP	Cole Information Services
	ALL IN ONE LOCKSMITH SHOP	Cole Information Services
2009	LIBERTY HEIGHTS AMOCO	Cole Information Services
	TONY B P	Cole Information Services
2005	Klarag Amoco 1 R	Hill Donnelly
1999	ASHBURTON AMOCO	Cole Information Services
1984	Druid Park Amoco	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1964	Simon Henry L gas ta phone	R. L. Polk & Co.

2900 LIBERTY HEIGHTS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>

2017 THE PALLIDIUM Cole Information Services

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	HIGHER DIMENSIONS CHRISTIAN CENTER	Cole Information Services
2014	PALLIDIUM THE	Cole Information Services
	HIGHER DIMENSIONS CHRISTIAN CENTER	Cole Information Services
2009	BACK TO THE BIBLE APOSTOLIC FAITH	Cole Information Services
	HIGHER DIMENSIONS CHRISTIAN CENTER	Cole Information Services
2005	Higher Dimensions Christian	Hill Donnelly
	Palladium i s	Hill Donnelly
	Victory Management Svc	Hill Donnelly
2004	DRUID PARK EXXON	Cole Information Services
	BACK TO THE BIBLE APOSTOLIC	Cole Information Services
1999	PALLIDIUM THE	Cole Information Services
	HIGHER DIMENSIONS CHRISTIAN CENTER	Cole Information Services
	VICTORY MANAGEMENT SERVICES	Cole Information Services
1994	DRUID PARK EXXON	Cole Information Services
1975	Druid Park Exxon	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Druid Park Exxon	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1971	Druid Park Service Station	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1958	Townsend Service Station A FO	R. L. Polk & Co.
1942	Townsend Harry C filling sta	R. L. Polk & Co.
1930	Standard Service Sta gasoline	R. L. POLK & CO. OF BALTIMORE INC.

3000 LIBERTY HEIGHTS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	GRACE AUTO GLASS & WINDOW TINT	Cole Information Services
	CHRISTIAN TOWING	Cole Information Services
2009	HOT WHEELS MOTORS	Cole Information Services
2004	MILTON MCCRAY	Cole Information Services
1999	BALTIMORE SATELLITE ENTERTAINMENT INCORPORATED	Cole Information Services
	GE THOMPSONS LANDSCAPING	Cole Information Services
1994	R J WASHINGTON INC	Cole Information Services
	G E THOMPSONS LANDSCAPING	Cole Information Services
	BALTIMORE SATELLITE ENTRTN INC	Cole Information Services
1964	phone	R. L. Polk & Co.

R. L. Polk & Co.

R. L. POLK & CO. OF BALTIMORE INC.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Leatherwood John 0 gas sta	R. L. Polk & Co.
1958	Betaoline Sinclair Service Sta A FO	R. L. Polk & Co.
1952	Leatherwood Jno Serv Sta	THE CHESAPEAKE
1946	Hough E R fill sta	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF BALTIMORE CITY
	Betholine Sinclair Service Stations	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF BALTIMORE CITY
1942	Hough Earl R filling sta	R. L. Polk & Co.
1930	Trinity M E Ch South	R. L. POLK & CO. OF BALTIMORE INC.
3001 LIB	ERTY HEIGHTS AVE	
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Hough Earl R filling sta	R. L. Polk & Co.
1930	Trinity M E Ch South	R. L. POLK & CO. OF BALTIMORE INC.
3002 LIB	ERTY HEIGHTS AVE	
<u>Year</u>	<u>Uses</u>	<u>Source</u>

3004 LIBERTY HEIGHTS AVE

Hough Earl R filling sta

Trinity M E Ch South

1942

1930

<u>Year</u>	<u>Uses</u>	Source
2017	UHAUL	Cole Information Services
2014	UHAUL	Cole Information Services
	HOT WHEELS MOTORS	Cole Information Services
1994	T & E AUTO REPAIR	Cole Information Services
	CANTY ROOFING CO	Cole Information Services
1984	LEES CAR CARE CENTER	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1975	Well Built Automatic Transmission Svc	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Well Built Automatic Transmission Svc	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1964	phone	R. L. Polk & Co.
	Aseburton Shell Serv Sta	R. L. Polk & Co.
1958	Liberty Texaco Serv gas sta A FO	R. L. Polk & Co.
1952	Lowenthals Texaco Service Station	THE CHESAPEAKE
1946	Oshry Morris N fill sta	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF BALTIMORE CITY
1942	Herbert Norman W filling sta	R. L. Polk & Co.
1930	Wells J Howard Rev	R. L. POLK & CO. OF BALTIMORE INC.

3006 LIBERTY HEIGHTS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1952	Self Service Laundry	THE CHESAPEAKE

3010 LIBERTY HEIGHTS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	LIBERTY CAR WASH & LUBE	Cole Information Services
	GRACE WINDOW TINTING	Cole Information Services
	TWO PUTTS INC	Cole Information Services
2014	GRACE WINDOW TINTING	Cole Information Services
	TWO PUTTS INC	Cole Information Services
	RAINBOW CAR WASH	Cole Information Services
2005	Maxus Import Auto Sales LLC	Hill Donnelly
	Rainbow Car Wash I S	Hill Donnelly
1999	RAINBOW CAR WASH	Cole Information Services
	A & S CAR WASH	Cole Information Services
1994	A & S CAR WASH	Cole Information Services
1984	Ashburton Car Wash	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1964	Classic Car Wash phone	R. L. Polk & Co.

3020 LIBERTY HEIGHTS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	SHADES OF BEAUTY	Cole Information Services
	GUEST HOUSE CARRYOUT	Cole Information Services
	WORLD WIDE WINGS & PIZZA	Cole Information Services
	ASHBURTON OPTICIANS INC	Cole Information Services
2014	CONTINENTAL CARRY OUT	Cole Information Services
	SHADES OF BEAUTY	Cole Information Services
	ASHBURTON OPTICIANS INC	Cole Information Services
	CONAWAY FRANK JR DELEGATE	Cole Information Services
	GUEST HOUSE CARRYOUT	Cole Information Services
	WORLD WIDE WINGS & PIZZA	Cole Information Services
2009	WORLD WIDE WINGS & PIZZA	Cole Information Services
	ASHBURTON OPTICIANS	Cole Information Services
	SHADES OF BEAUTY	Cole Information Services
	GUEST HOUSE	Cole Information Services
	SOS CASH	Cole Information Services
2005	Ashburton Opticians Inc	Hill Donnelly
	Cash USA 1 R	Hill Donnelly

<u>Year</u>	<u>Uses</u>	Source
2005	Continental Carry Out 1 R	Hill Donnelly
	Shades Of Beauty I	Hill Donnelly
	Guest House Carry Out 1 R	Hill Donnelly
2004	SHADES OF BEAUTY LLC	Cole Information Services
	GUEST HOUSE CARRY	Cole Information Services
	YOON SUN H	Cole Information Services
	SOS CASH	Cole Information Services
	ASHBURTON OPTICIANS	Cole Information Services
	MOHAMMAD ASLAM	Cole Information Services
1999	CASH USA	Cole Information Services
	GUEST HOUSE CARRY OUT	Cole Information Services
	DABNEYS INDIVIDUALITY BEAUTY SALON	Cole Information Services
	PIZZA TIME	Cole Information Services
1994	CLASSIC CLEANERS	Cole Information Services
	ASHBURTON OPTICIANS INC	Cole Information Services
	GUEST HOUSE BAKERY & DELI	Cole Information Services
	DABNEYS INDIVIDUALITY SALON	Cole Information Services
	STEVES UPTOWN PAWN	Cole Information Services
1984	Ashburton Opticians Inc	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	PASTORS PLACE	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Pages Beauty Salon Inc	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Guest House Bakery & Deli	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1964	Classic Cins phone	R. L. Polk & Co.
1958	Classic Cleaners 4 MO	R. L. Polk & Co.
1952	Topps Isc rest	THE CHESAPEAKE
3021 LIBE	ERTY HEIGHTS AVE	

3021 LIBERTY HEIGHTS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	PAYLESS SHOE SOURCE	Cole Information Services

3026 LIBERTY HEIGHTS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	New York Fashions I R	Hill Donnelly
	Hendins 1 R	Hill Donnelly
1999	HENDINS	Cole Information Services

3029 LIBERTY HEIGHTS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	DOLCIS SHOES	Cole Information Services

3030 LIBERTY HEIGHTS AVE

Year	Uses	Source
2017	SALON L	Cole Information Services
2014	EXOTIC HAIR FACTORY	Cole Information Services
	SALON L	Cole Information Services
2005	New York Fashions I R	Hill Donnelly
	New York Fashions I R	Hill Donnelly
	Norman Holt Florists 2 R	Hill Donnelly
2004	NORMAN HOLT INC	Cole Information Services
1999	NORMAN HOLT FLORIST INCORPORATED	Cole Information Services
1994	NORMAN HOLT FLORISTS	Cole Information Services
1984	HOLT NORMAN florist	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Holts Florist	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1975	HOLT NORMAN florist	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Holts Florist	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	HOLT NORMAN florist	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Holts Florist	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1964	Holt Norman florist phone	R. L. Polk & Co.
1960	Holts Florist	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1958	Holt Norman retl florist 4 LI	R. L. Polk & Co.
1952	S E W ARD BROS first	THE CHESAPEAKE
	Seward Bros firsts North Av Mkt	THE CHESAPEAKE
	Seward Sigmnond first	THE CHESAPEAKE
	Seward Sigmond first North Av Mkt	THE CHESAPEAKE
1946	Little Flewer Mart	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF BALTIMORE CITY
1942	Seaboard Motors	R. L. Polk & Co.
	Kolpack & Mitchell used autos	R. L. Polk & Co.

3032 LIBERTY HEIGHTS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	JESUS SHOP THE	Cole Information Services

3050 LIBERTY HEIGHTS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	MT ZION UNITED METHODIST CHURCH	Cole Information Services
2014	MT ZION UNITED METHODIST CHURCH	Cole Information Services
2009	ASHBURTON DAY NURSERY	Cole Information Services
	MT ZION UNITED METHODIST CHURCH	Cole Information Services
2005	Mt Zion Methodist Church	Hill Donnelly
	Ashburton Day Nursery 1 G	Hill Donnelly
2004	ASHBURTON DAY NURSERY	Cole Information Services
	MT ZION UNITED METHODIST CHRCH	Cole Information Services
1999	ASHBURTON DAY NURSERY	Cole Information Services
	MT ZION UNITED METHODIST CHURCH	Cole Information Services
1994	ASHBURTON DAY NURSERY	Cole Information Services
	MT ZION METHODIST CHURCH	Cole Information Services
	MT ZION UNITED METHODIST PRSNG	Cole Information Services
1984	ASHBURTON DAY NURSERY	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Mt Zion Methodist Church	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Warren John C Rev	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1975	Frank Donald W Rev study Liberty Heights & Wabash Avs Res	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Ashburton Day Nursery	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Frank Donald W Rev study Liberty Heights & Wabash Avs Res	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
	Ashburton Day Nursery	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1971	Res	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1964	Franklin 0 St Clair Rev phone	R. L. Polk & Co.
1958	Soper Elgar C Rev A LI	R. L. Polk & Co.
1952	Clew Hedley W Rev	THE CHESAPEAKE
1946	Woodward E C Rev	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF BALTIMORE CITY
1942	Coale S Carroll Rev	R. L. Polk & Co.

3052 LIBERTY HEIGHTS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	DOROTHY BEEBE	Cole Information Services
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	NAIL TRIX	Cole Information Services
2005	H Spence Lester K & Shawn	Hill Donnelly
2004	STEPHEN TILLETT	Cole Information Services

LIBERTY HEIGHTS TER

2850 LIBERTY HEIGHTS TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Uberty Heighls Amoco	STEWART DIRECTORIES
	Druid Park Drive	STEWART DIRECTORIES

2900 LIBERTY HEIGHTS TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Palladium The	STEWART DIRECTORIES
	Higher Dimensions Christian Center	STEWART DIRECTORIES
	Pallidium The	STEWART DIRECTORIES

3000 LIBERTY HEIGHTS TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Mccray Milton	STEWART DIRECTORIES
1984	Mrs Ts Enterprises Inc	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND
1980	Goodees SubmarineShop	THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND

3010 LIBERTY HEIGHTS TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Rainbow Car Wash	STEWART DIRECTORIES

3020 LIBERTY HEIGHTS TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	C Guest House Carry out	STEWART DIRECTORIES
	Wond Wide Wings & Pizza	STEWART DIRECTORIES
	Ashburon Opticians	STEWART DIRECTORIES
	Continental Carry Out	STEWART DIRECTORIES
	Dabneys	STEWART DIRECTORIES
	Individuality Beauty Salon	STEWART DIRECTORIES
	Sos Cash	STEWART DIRECTORIES

<u>Year</u> <u>Uses</u> <u>Source</u>

1980 Hope Helen THE CHESAPEAKE AND POTOMAC

TELEPHONE CO. OF MARYLAND

Hope Mother Reverend THE CHESAPEAKE AND POTOMAC

TELEPHONE CO. OF MARYLAND

3030 LIBERTY HEIGHTS TER

<u>Year</u> <u>Uses</u> <u>Source</u>

2002 Norman Holt First Inc STEWART DIRECTORIES

Normnan Hot STEWART DIRECTORIES

1980 Holt Norman florist THE CHESAPEAKE AND POTOMAC

TELEPHONE CO. OF MARYLAND

3050 LIBERTY HEIGHTS TER

<u>Year</u> <u>Uses</u> <u>Source</u>

2002 Mt Zion United Methodist Church STEWART DIRECTORIES

Ashburton Day Nursery STEWART DIRECTORIES

1980 Mt Zion Methodist Church THE CHESAPEAKE AND POTOMAC TELEPHONE CO. OF MARYLAND

Cardoso Zacarias Joao Rev THE CHESAPEAKE AND POTOMAC

TELEPHONE CO. OF MARYLAND

3052 LIBERTY HEIGHTS TER

<u>Year</u> <u>Uses</u> <u>Source</u>

2002 Rosedale Rd STEWART DIRECTORIES

Til Lef Stephen Pastor STEWART DIRECTORIES

LIBERTY HGTS AVE

3030 LIBERTY HGTS AVE

<u>Year</u> <u>Uses</u> <u>Source</u>

1980 Holts Florist THE CHESAPEAKE AND POTOMAC

TELEPHONE CO. OF MARYLAND

LIBERTY HILTS AVE

3001 LIBERTY HILTS AVE

<u>Year</u> <u>Uses</u> <u>Source</u>

1952 Krieg Jno E THE CHESAPEAKE

Yd THE CHESAPEAKE

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
2717 Druid Park Drive	2017, 2014, 2009, 2005, 2004, 2002, 1999, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
2850 LIBERTY HEIGHTS AVE	2017, 2014, 2009, 2004, 2002, 1999, 1994, 1993, 1990, 1980, 1975, 1971, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
2850 LIBERTY HEIGHTS AVE	2005, 2004, 2002, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
2850 LIBERTY HEIGHTS TER	2017, 2014, 2009, 2005, 2004, 1999, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
2900 LIBERTY HEIGHTS AVE	2017, 2014, 2009, 2004, 2002, 1999, 1994, 1993, 1990, 1984, 1980, 1964, 1960, 1959, 1955, 1952, 1946, 1925, 1920
2900 LIBERTY HEIGHTS AVE	2005, 2002, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
2900 LIBERTY HEIGHTS TER	2017, 2014, 2009, 2005, 2004, 1999, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3000 DRUID PARK DR	2017, 2014, 2009, 2004, 1999, 1994, 1990, 1980, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3000 DRUID PARK DR	2005, 2002, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3000 LIBERTY HEIGHTS AVE	2014, 2005, 2002, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3000 LIBERTY HEIGHTS AVE	2017, 2014, 2009, 2005, 2004, 2002, 1999, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1960, 1959, 1955, 1925, 1920
3000 LIBERTY HEIGHTS TER	2017, 2014, 2009, 2005, 2004, 1999, 1994, 1993, 1990, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3001 DRUID PARK DR	2017, 2014, 2009, 2004, 1999, 1994, 1993, 1990, 1980, 1975, 1971, 1960, 1959, 1958, 1955, 1946, 1942, 1930, 1925, 1920
3001 DRUID PARK DR	2014, 2005, 2002, 1999, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3001 LIBERTY HEIGHTS AVE	2017, 2014, 2009, 2005, 2004, 2002, 1999, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1925, 1920
3001 LIBERTY HI LTS AVE	2017, 2014, 2009, 2005, 2004, 2002, 1999, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1946, 1942, 1930, 1925, 1920
3002 DRUID PARK	2017, 2014, 2009, 2005, 2004, 2002, 1999, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3002 DRUID PARK DR	2017, 2014, 2009, 2004, 1999, 1994, 1993, 1990, 1980, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3002 DRUID PARK DR	2017, 2014, 2005, 2002, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3002 LIBERTY HEIGHTS AVE	2017, 2014, 2009, 2005, 2004, 2002, 1999, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1925, 1920
3004 LIBERTY HEIGHTS AVE	2017, 2014, 2009, 2005, 2004, 2002, 1999, 1994, 1993, 1990, 1980, 1971, 1960, 1959, 1955, 1925, 1920

Address Researched	Address Not Identified in Research Source
3004 LIBERTY HEIGHTS AVE	2009, 2005, 2004, 2002, 1999, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3006 DRUID PARK DR	2014, 2009, 2005, 2004, 2002, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3006 DRUID PARK DR	2017, 2014, 2009, 2004, 1999, 1994, 1993, 1990, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3006 LIBERTY HEIGHTS AVE	2017, 2014, 2009, 2005, 2004, 2002, 1999, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1946, 1942, 1930, 1925, 1920
3010 LIBERTY HEIGHTS AVE	2017, 2014, 2009, 2004, 2002, 1999, 1994, 1993, 1990, 1980, 1975, 1971, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3010 LIBERTY HEIGHTS AVE	2009, 2005, 2004, 2002, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3010 LIBERTY HEIGHTS TER	2017, 2014, 2009, 2005, 2004, 1999, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3020 LIBERTY HEIGHTS AVE	2017, 2014, 2009, 2004, 2002, 1999, 1994, 1993, 1990, 1980, 1975, 1971, 1960, 1959, 1955, 1946, 1942, 1930, 1925, 1920
3020 LIBERTY HEIGHTS AVE	2005, 2002, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3020 LIBERTY HEIGHTS TER	2017, 2014, 2009, 2005, 2004, 1999, 1994, 1993, 1990, 1984, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3021 LIBERTY HEIGHTS AVE	2017, 2014, 2009, 2005, 2004, 2002, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3026 LIBERTY HEIGHTS AVE	2017, 2014, 2009, 2005, 2004, 2002, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3026 LIBERTY HEIGHTS AVE	2017, 2014, 2009, 2004, 2002, 1999, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3029 LIBERTY HEIGHTS AVE	2017, 2014, 2009, 2005, 2004, 2002, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3030 LIBERTY HEIGHTS AVE	2009, 2005, 2002, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3030 LIBERTY HEIGHTS AVE	2017, 2014, 2009, 2004, 2002, 1999, 1994, 1993, 1990, 1980, 1971, 1959, 1955, 1930, 1925, 1920
3030 LIBERTY HEIGHTS TER	2017, 2014, 2009, 2005, 2004, 1999, 1994, 1993, 1990, 1984, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3030 LIBERTY HGTS AVE	2017, 2014, 2009, 2005, 2004, 2002, 1999, 1994, 1993, 1990, 1984, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3032 LIBERTY HEIGHTS AVE	2017, 2014, 2009, 2005, 2004, 2002, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3050 LIBERTY HEIGHTS AVE	2005, 2002, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3050 LIBERTY HEIGHTS AVE	2017, 2014, 2009, 2004, 2002, 1999, 1994, 1993, 1990, 1980, 1960, 1959, 1955, 1930, 1925, 1920
3050 LIBERTY HEIGHTS TER	2017, 2014, 2009, 2005, 2004, 1999, 1994, 1993, 1990, 1984, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3052 LIBERTY HEIGHTS AVE	2017, 2014, 2009, 2004, 2002, 1999, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3052 LIBERTY HEIGHTS AVE	2005, 2002, 1999, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920

Address Researched	Address Not Identified in Research Source
3052 LIBERTY HEIGHTS TER	2017, 2014, 2009, 2005, 2004, 1999, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1958, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3062 DRUID PARK DR	2017, 2014, 2009, 2005, 2004, 2002, 1999, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3067 DRUID PARK DR	2017, 2014, 2009, 2005, 2004, 2002, 1999, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1955, 1952, 1946, 1942, 1930, 1925, 1920
3077 DRUID PARK DR	2017, 2014, 2009, 2005, 2004, 2002, 1999, 1994, 1993, 1990, 1984, 1980, 1975, 1971, 1964, 1960, 1959, 1955, 1952, 1946, 1942, 1930, 1925, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched Address Not Identified in Research Source

2901 Liberty Heights Avenue 1993, 1990, 1960, 1959, 1955, 1946, 1942, 1930, 1925, 1920

Baltimore City Community College 2901 Liberty Heights Avenue Baltimore, MD 21215

Inquiry Number: 6546763.4

June 21, 2021

EDR Historical Topo Map Report

with QuadMatch™



EDR Historical Topo Map Report

06/21/21

Site Name: Client Name:

Baltimore City Community Colle 2901 Liberty Heights Avenue Baltimore, MD 21215 EDR Inquiry # 6546763.4

Geo-Technology Associates Inc. 14280 Park Centre Drive Laurel, MD 20707-5228 Contact: Patrick Deery



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Geo-Technology Associates Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Resu	ılts:	Coordinates:	
P.O.#	NA	Latitude:	39.320937 39° 19' 15" North
Project:	BCCC Library & Nursing Bldgs	Longitude:	-76.663088 -76° 39' 47" West
-	, , ,	UTM Zone:	Zone 18 North
		UTM X Meters:	356639.12
		UTM Y Meters:	4353710.91
		Elevation:	352.41' above sea level

Maps Provided:

2014	1904
1974	1899
1966	1894
1953	
1946	
1944	
1943	
1908	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2014 Source Sheets



Baltimore West 2014 7.5-minute, 24000

1974 Source Sheets



Baltimore West 1974 7.5-minute, 24000 Aerial Photo Revised 1974

1966 Source Sheets



Baltimore West 1966 7.5-minute, 24000 Aerial Photo Revised 1966

1953 Source Sheets



Baltimore West 1953 7.5-minute, 24000 Aerial Photo Revised 1943

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1946 Source Sheets



BALTIMORE WEST 1946 7.5-minute, 24000

1944 Source Sheets



Baltimore West 1944 7.5-minute, 31680 Aerial Photo Revised 1943

1943 Source Sheets



Baltimore 1943 15-minute, 62500 Aerial Photo Revised 1938

1908 Source Sheets



Patapsco 1908 30-minute, 125000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1904 Source Sheets



Baltimore 1904 15-minute, 62500

1899 Source Sheets

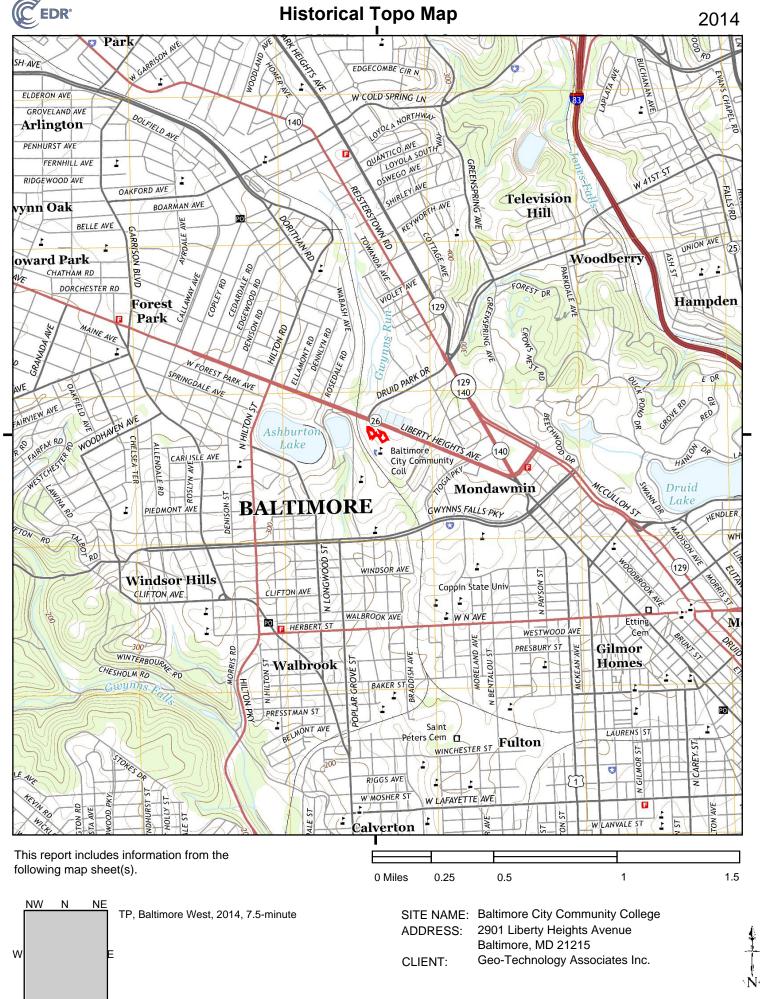


Baltimore 1899 15-minute, 62500

1894 Source Sheets



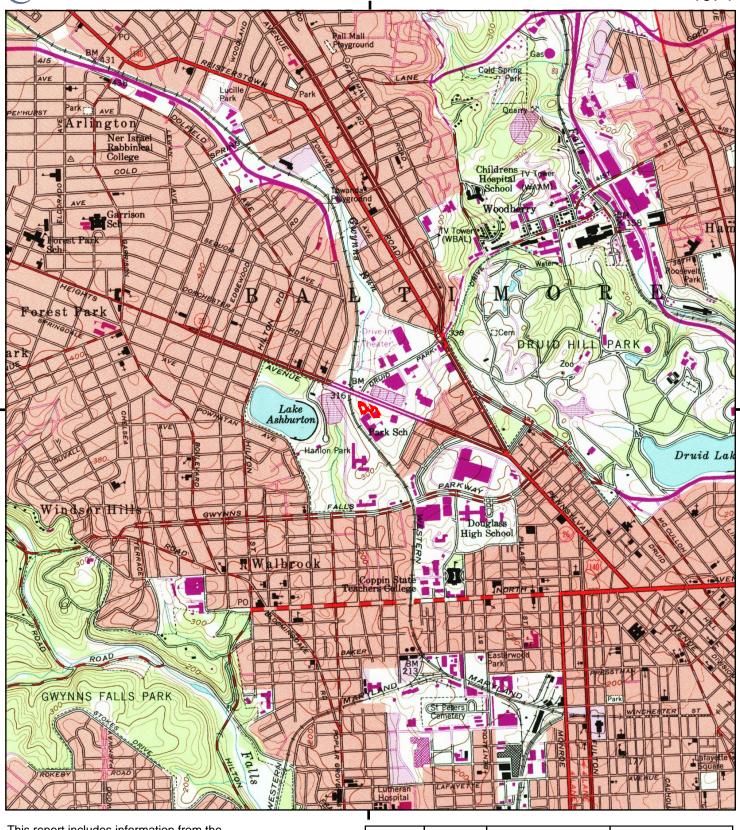
Baltimore 1894 15-minute, 62500



SW

S

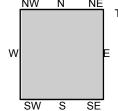




0 Miles

0.25

This report includes information from the following map sheet(s).



TP, Baltimore West, 1974, 7.5-minute

SITE NAME: Baltimore City Community College

0.5

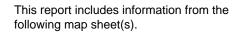
ADDRESS: 2901 Liberty Heights Avenue

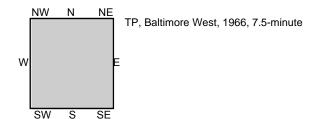
Baltimore, MD 21215

CLIENT: Geo-Technology Associates Inc.



1.5



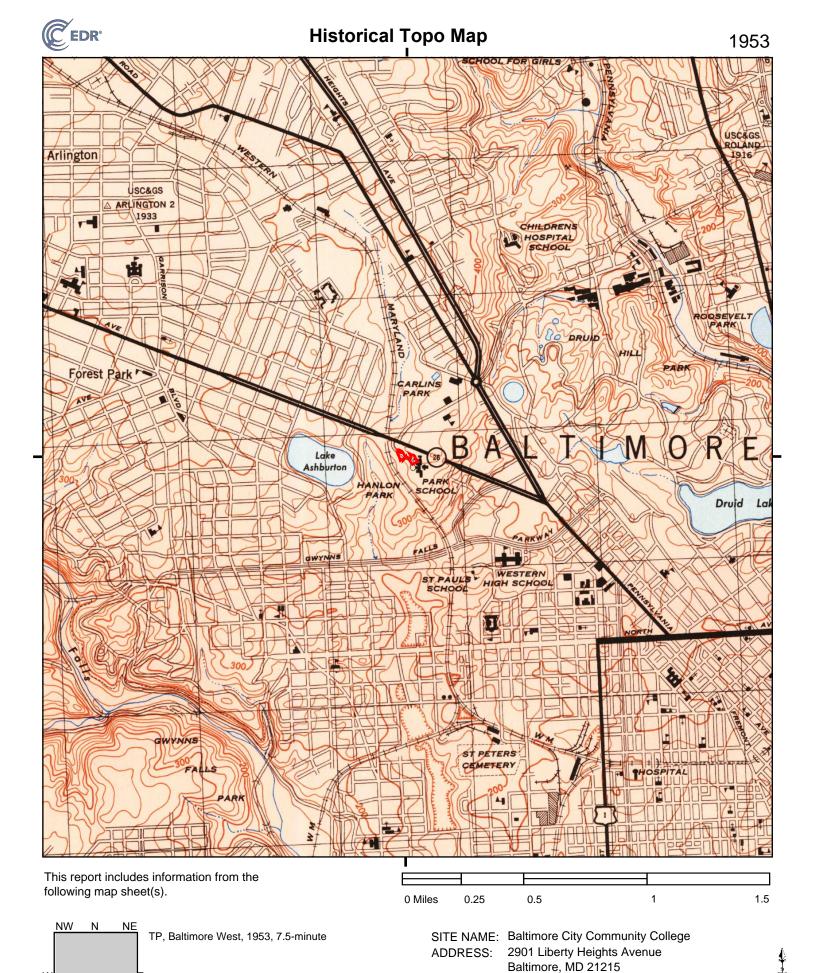




SITE NAME: Baltimore City Community College ADDRESS: 2901 Liberty Heights Avenue

Baltimore, MD 21215





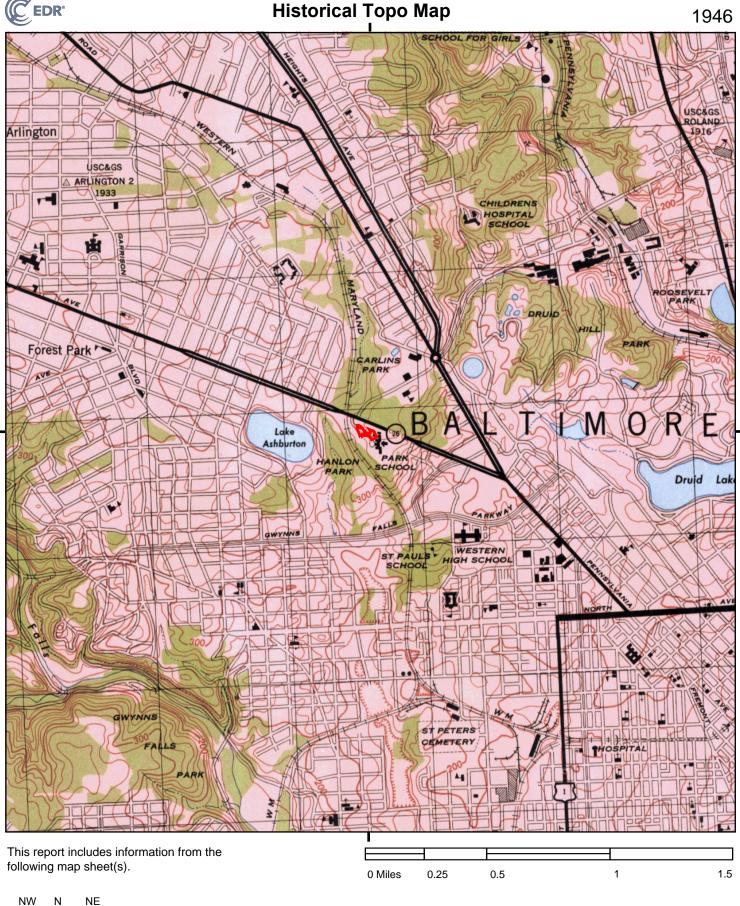
6546763 - 4 page 9

Geo-Technology Associates Inc.

CLIENT:

SW

S



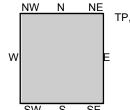
NW N NE
TP, BALTIMORE WEST, 1946, 7.5-minute

SITE NAME: Baltimore City Community College
ADDRESS: 2901 Liberty Heights Avenue
Baltimore, MD 21215
CLIENT: Geo-Technology Associates Inc.

SW S SE

6546763 - 4 page 10

This report includes information from the following map sheet(s).



TP, Baltimore West, 1944, 7.5-minute

0 Miles 0.25 0.5 1 1.5

SITE NAME: Baltimore City Community College ADDRESS: 2901 Liberty Heights Avenue

Baltimore, MD 21215



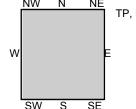




0 Miles

0.25

This report includes information from the following map sheet(s).



TP, Baltimore, 1943, 15-minute

SITE NAME: Baltimore City Community College

0.5

ADDRESS: 2901 Liberty Heights Avenue

Baltimore, MD 21215

CLIENT: Geo-Technology Associates Inc.

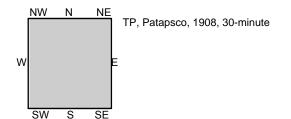


1.5





This report includes information from the following map sheet(s).



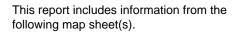


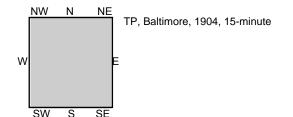
SITE NAME: Baltimore City Community College

ADDRESS: 2901 Liberty Heights Avenue

Baltimore, MD 21215







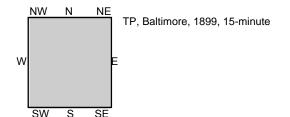


SITE NAME: Baltimore City Community College ADDRESS: 2901 Liberty Heights Avenue

Baltimore, MD 21215



This report includes information from the following map sheet(s).

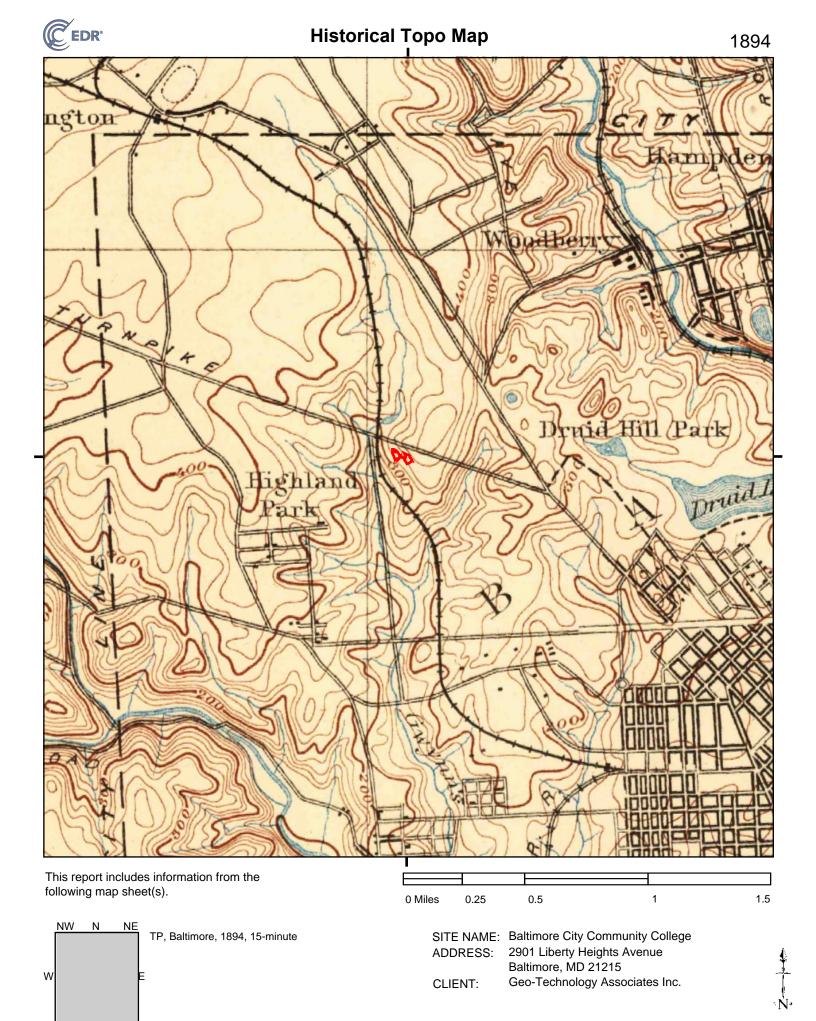


0 Miles 0.25 0.5 1 1.5

SITE NAME: Baltimore City Community College ADDRESS: 2901 Liberty Heights Avenue

Baltimore, MD 21215







APPENDIX E Regulatory Database Report

Baltimore City Community College

2901 Liberty Heights Avenue Baltimore, MD 21215

Inquiry Number: 6546763.2s

June 22, 2021

The EDR Radius Map™ Report



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

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GEOCHECK ADDENDUM	,

GeoCheck - Not Requested

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TARGET PROPERTY INFORMATION

ADDRESS

2901 LIBERTY HEIGHTS AVENUE BALTIMORE, MD 21215

COORDINATES

Latitude (North): 39.3209370 - 39° 19' 15.37" Longitude (West): 76.6630880 - 76° 39' 47.11"

Universal Tranverse Mercator: Zone 18 UTM X (Meters): 356635.4 UTM Y (Meters): 4353502.5

Elevation: 352 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 6050561 BALTIMORE WEST, MD

Version Date: 2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20150724 Source: USDA

MAPPED SITES SUMMARY

Target Property Address: 2901 LIBERTY HEIGHTS AVENUE BALTIMORE, MD 21215

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	COMMUNITY COLLEGE OF	2901 LIBERTY RD	PA MANIFEST		TP
A2	BALTIMORE CITY COMMU	2901 LIBERTY HEIGHTS	US AIRS		TP
A3	BALTIMORE CITY COMMU	2901 LIBERTY HGHTS A	ECHO		TP
A4	BALTIMORE CITY COMMU	2901 LIBERTY HEIGHTS	MD UST, MD Financial Assurance		TP
A5	BCCC- MAIN BUILDING	2901 LIBERTY HEIGHTS	MD ASBESTOS		TP
A6	COMMUNITY COLLEGE OF	2901 LIBERTY HEIGHTS	MD OCPCASES, MD HIST UST, MD NPDES		TP
A7	BALTIMORE CITY COMM	2901 LIBERTY HEIGHTS	MD MANIFEST		TP
A8	COMMUNTIY COLLEGE OF	CCB LIBERTY CAMPUS-L	RCRA-VSQG	Higher	154, 0.029, NNE
B9	AMOCO	2850 LIBERTY HEIGHTS	MD RGA LUST	Lower	315, 0.060, North
B10	TONY'S BP/LIBERTY BP	2850 LIBERTY HEIGHTS	MD UST, MD Financial Assurance	Lower	315, 0.060, North
B11	AMOCO STATION	2850 LIBERTY HEIGHTS	MD OCPCASES, MD HIST LUST	Lower	315, 0.060, North
B12	SIMON HENRY L	2850 LIBERTY HEIGH	EDR Hist Auto	Lower	315, 0.060, North
B13	AMOCO S\S #31	2850 LIBERTY HTS AVE	MD HIST UST	Lower	315, 0.060, North
C14	LOEATHEORWOOD JOHN 0	3000 LIBERTY HEIGH	EDR Hist Auto	Lower	558, 0.106, NW
15	DRUID PARK EXXON	2900 LIBERTY HEIGHTS	EDR Hist Auto	Lower	628, 0.119, North
C16	ASHBURTON SHOLL SERV	3004 LIBERTY HEIGH	EDR Hist Auto	Lower	642, 0.122, NW
D17	ASHBURTON FILTRATION	3001 DRUID PARK DRIV	MD UST, MD Financial Assurance	Higher	721, 0.137, NNE
D18	ASHBURTON FILTRATION	3001 DRUID PARK DR	MD OCPCASES, MD HIST UST, MD LEAD, MD NPDES	Higher	721, 0.137, NNE
D19	BALTIMORE DEPT OF PU	3001 DRUID PARK DR	PA MANIFEST	Higher	721, 0.137, NNE
D20	ADVANCE CORP	3006 DRUID PK DR	RCRA-VSQG, ECHO	Higher	949, 0.180, NNE
D21	BFC ASSOC	3006 DRUID PARK DR	MD OCPCASES	Higher	949, 0.180, NNE
D22	BFC ASSOCIATES	3006 DRUID PARK DRIV	MD UST, MD Financial Assurance	Higher	949, 0.180, NNE
E23	CLASSIC CLEANERS	3020 LIBERTY HEIGH	EDR Hist Cleaner	Lower	985, 0.187, NW
F24	NEIGHBORCARE - LIBER	2600 LIBERTY HEIGHTS	RCRA-VSQG	Lower	1065, 0.202, East
F25	BON SECOURS LIBERTY	2600 LIBERTY HEIGHTS	RCRA-SQG, US AIRS, ECHO	Lower	1065, 0.202, East
F26	BON SECOURS-LIBERTY	2600 LIBERTY HEIGHTS	MD UST, MD Financial Assurance	Lower	1065, 0.202, East
F27	LIBERTY MEDICAL CENT	2600 LIBERTY HEIGHTS	MD OCPCASES	Lower	1065, 0.202, East
E28	MT. ZION UNITED METH	3050 LIBERTY HEIGHTS	MD HIST UST	Lower	1071, 0.203, NW
E29	MT. ZION UNITED METH	3050 LIBERTY HEIGHTS	MD UST, MD Financial Assurance	Lower	1071, 0.203, NW
E30	ASHBURTON PUMPING ST	3051 LIBERTY HEIGHTS	RCRA-SQG	Lower	1109, 0.210, WNW
31	B-B LIGHTING SUPPLY	2901 DRUID PARK DR,	RCRA-VSQG, ECHO	Higher	1141, 0.216, NE
G32	DIETZ & WATSON	3330 HENRY G. PARKS	MD MANIFEST	Lower	1262, 0.239, ENE
G33	DIETZ & WATSON	3330 HENRY G PARK JR	MD MANIFEST	Lower	1262, 0.239, ENE
34	GWYNNS FALLS ELEMENT	2700 GWYNNS FALLS PA	MD OCPCASES, MD UST, MD ASBESTOS, MD Financia	ıl Lower	1365, 0.259, South
35	RALPH HERMAN HOLEWIN	2500 W FOREST PARK A	MD OCPCASES	Lower	1369, 0.259, ESE
36	LIBERTY MEDICAL CENT	3101 TOWANDA AVE	MD OCPCASES	Lower	1459, 0.276, ENE
37	BALTIMORE DEVELOPMEN	3310 CARLINS PARK DR	MD OCPCASES, MD UST, MD Financial Assurance, MD.	Lower	1460, 0.277, NNE
38	C&P TELEPHONE CO	2815 DRUID PARK DR	MD OCPCASES, MD HIST UST	Higher	1636, 0.310, NE
39	DIETZ & WATSON INC	3301 TOWANDA AVE	MD OCPCASES	Higher	1731, 0.328, NNE

MAPPED SITES SUMMARY

Target Property Address: 2901 LIBERTY HEIGHTS AVENUE BALTIMORE, MD 21215

Click on Map ID to see full detail.

MAP	OUTE NAME	ADDDECC	•	ELATIVE	DIST (ft. & mi.)
ID 40	SITE NAME MTA	ADDRESS 3400 CARLINS PARK DR	DATABASE ACRONYMS E MD OCPCASES	LEVATION Lower	DIRECTION 1851, 0.351, North
41	SOUTHWAY REALTY CO	3200 REISTERSTOWN RD	MD OCPCASES, MD HIST UST	Lower	1894, 0.359, ENE
42	PARK CIRCLE BP	3312 REISTERSTOWN RO	MD OCPCASES, MD UST, MD Financial Assurance	Lower	1956, 0.370, NE
43	HANLON PARK FIELD HO	2700 N LONGWOOD ST	MD OCPCASES, MD LEAD	Lower	1987, 0.376, SW
44	RUBY GRIFFON RESIDEN	3700 ROSEDALE RD	MD OCPCASES	Higher	2084, 0.395, NNW
45	BALTIMORE HOUSING PA	2904 REISTERSTOWN RD	MD OCPCASES	Lower	2105, 0.399, East
46	CROWN MD-007	2617 GWYNNS FALLS PK	MD OCPCASES	Lower	2128, 0.403, SSE
H47	WM. H. LEMMEL MIDDLE	2801 N DUKELAND ST	MD OCPCASES, MD HIST UST, MD ASBESTOS	Lower	2140, 0.405, South
H48	WILLIAM H LEMMEL MID	2801 N DUKELAND ST	MD OCPCASES	Lower	2140, 0.405, South
H49	WILLIAM LEMMEL SCHOO	2801 W DUKELAND ST	MD OCPCASES	Lower	2140, 0.405, South
I 50	KENNY'S QUALITY AUTO	2607 GYWNN FALLS PKW	MD OCPCASES	Lower	2167, 0.410, SSE
I 51	COPPIN STATE UNIVERS	2525 AND 2601 GWYNNS	MD OCPCASES, MD UST, MD Financial Assurance	Lower	2179, 0.413, SSE
I52	DOBSON/QUALITY WINDO	2601 GWYNNS FALLS PK	MD OCPCASES	Lower	2179, 0.413, SSE
J53	COPPIN STATE UNIVERS	2523 GWYNN FALLS PKW	MD OCPCASES	Lower	2207, 0.418, SE
J54	ROW CLOTHING ENT.	2523 GWYNNS FALLS PA	MD OCPCASES, MD UST, MD Financial Assurance	Lower	2207, 0.418, SE
J55	AMOCO STATION	2525 GWYNNS FALLS PK	MD OCPCASES	Lower	2215, 0.420, SE
K56	MONDAWMIN MALL	1200 MONDAWMIN MALL	MD OCPCASES, MD UST, RCRA NonGen / NLR, US AIRS,	Lower	2336, 0.442, ESE
K57	MONDAWMIN MALL	1200 MONDAWMIN CONCO	MD OCPCASES	Lower	2336, 0.442, ESE
58	TIOGA APTS	2800 REISTERSTOWN RD	MD OCPCASES, MD LEAD	Lower	2346, 0.444, East
59	SMITH PROPERTY	2912 NORFOLK AVE	MD OCPCASES	Higher	2378, 0.450, North
L60	THE H.C MCCOMAS FUEL	2301 EVERGREEN STREE	MD ENG CONTROLS	Lower	2520, 0.477, SSE
L61	MCCOMAS FUEL CO	2301 EVERGREEN ST	MD OCPCASES	Lower	2520, 0.477, SSE
62	FIRESTONE TIRE CO	2401 LIBERTY HEIGHTS	MD OCPCASES, MD ASBESTOS	Lower	2523, 0.478, ESE
63	TERRY RESIDENCE	2311 POPLAR GROVE ST	MD OCPCASES	Lower	2601, 0.493, SSW

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
COMMUNITY COLLEGE OF 2901 LIBERTY RD BALTIMORE, MD 21215	PA MANIFEST Generator EPA Id: MDD980552566	N/A
BALTIMORE CITY COMMU 2901 LIBERTY HEIGHTS BALTIMORE, MD 21215	US AIRS Database: US AIRS MINOR, Date of Government Version: 10 EPA plant ID:: 110029225997	N/A 0/12/2016
BALTIMORE CITY COMMU 2901 LIBERTY HGHTS A BALTIMORE, MD 21215	ECHO Registry ID: 110029225997	N/A
BALTIMORE CITY COMMU 2901 LIBERTY HEIGHTS BALTIMORE, MD 21215	MD UST Facility Id: 11151 Tank Status: Permanently Out Of Use Tank Status: Currently In Use	N/A
	MD Financial Assurance Database: Financial Assurance 2, Date of Government Version Facility Id: 11151	on: 02/02/2021
BCCC- MAIN BUILDING 2901 LIBERTY HEIGHTS BALTIMORE, MD 21215	MD ASBESTOS	N/A
COMMUNITY COLLEGE OF 2901 LIBERTY HEIGHTS BALTIMORE, MD 21215	MD OCPCASES Date Closed: 09/28/2000 Date Closed: 03/09/2002 Date Closed: 04/26/2011 Facility Status: CLOSED Facility Id: 00-1625BC2 Facility Id: 02-0946BC1 Facility Id: 11-0298BC	N/A
	MD HIST UST Facility Id: 6002694 Tank Status: CURRENTL	
	MD NPDES	
BALTIMORE CITY COMM 2901 LIBERTY HEIGHTS BALTIMORE, MD 21215	MD MANIFEST	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list	
NPL	National Priority List
	Proposed National Priority List Sites
Federal CERCLIS list	
	Federal Facility Site Information listing Superfund Enterprise Management System
Federal CERCLIS NFRAP sit	te list
SEMS-ARCHIVE	Superfund Enterprise Management System Archive
Federal RCRA CORRACTS f	acilities list
CORRACTS	Corrective Action Report
Federal RCRA non-CORRAC	CTS TSD facilities list
RCRA-TSDF	RCRA - Treatment, Storage and Disposal
Federal RCRA generators lis	st
RCRA-LQG	RCRA - Large Quantity Generators
Federal institutional control	s / engineering controls registries
	Land Use Control Information System
US ENG CONTROLS	Engineering Controls Sites List Institutional Controls Sites List
US INST CONTROLS	Institutional Controls Sites List
Federal ERNS list	
ERNS	Emergency Response Notification System
State- and tribal - equivalent	CERCLIS
MD SHWS	Notice of Potential Hazardous Waste Sites
State and tribal landfill and/o	or solid waste disposal site lists
MD SWF/LF	Permitted Solid Waste Disposal Facilities

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST...... Underground Storage Tank Listing INDIAN UST...... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

MD INST CONTROL..... Voluntary Cleanup Program Applicants/Participants

State and tribal voluntary cleanup sites

MD VCP......Voluntary Cleanup Program Applicants/Participants INDIAN VCP.....Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

MD BROWNFIELDS..... Eligible Brownfields Properties

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

MD SWRCY..... Recycling Directory

ODI_____Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register US CDL...... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Other Ascertainable Records

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

2020 COR ACTION........... 2020 Corrective Action Program List

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER_____PCB Transformer Registration Database

RADINFO...... Radiation Information Database

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

DOT OPS..... Incident and Accident Data

INDIAN RESERV..... Indian Reservations

FUSRAP_____Formerly Utilized Sites Remedial Action Program

UMTRA...... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
ABANDONED MINES..... Abandoned Mines

UXO...... Unexploded Ordnance Sites

DOCKET HWC...... Hazardous Waste Compliance Docket Listing FUELS PROGRAM...... EPA Fuels Program Registered Listing MD AIRS...... Permit and Facility Information Listing

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

MD RGA HWS_______Recovered Government Archive State Hazardous Waste Facilities List MD RGA LF______Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in bold italics are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or

dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/22/2021 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BON SECOURS LIBERTY EPA ID:: MDR000004416	2600 LIBERTY HEIGHTS	E 1/8 - 1/4 (0.202 mi.)	F25	47
ASHBURTON PUMPING ST EPA ID:: MDR000521104	3051 LIBERTY HEIGHTS	WNW 1/8 - 1/4 (0.210 mi.)	E30	55

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 03/22/2021 has revealed that there are 4 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COMMUNTIY COLLEGE OF EPA ID:: MDD980552566	CCB LIBERTY CAMPUS-L	NNE 0 - 1/8 (0.029 mi.)	A8	21
ADVANCE CORP EPA ID:: MDD985397769	3006 DRUID PK DR	NNE 1/8 - 1/4 (0.180 mi.)	D20	40
B-B LIGHTING SUPPLY EPA ID:: MDR000526632	2901 DRUID PARK DR,	NE 1/8 - 1/4 (0.216 mi.)	31	57
Lower Elevation	Address	Direction / Distance	Map ID	Page
NEIGHBORCARE - LIBER	2600 LIBERTY HEIGHTS	E 1/8 - 1/4 (0.202 mi.)	F24	44

State and tribal leaking storage tank lists

MD OCPCASES: Cases monitored by the Oil Control Program.

A review of the MD OCPCASES list, as provided by EDR, and dated 02/08/2021 has revealed that there are 33 MD OCPCASES sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ASHBURTON FILTRATION	3001 DRUID PARK DR	NNE 1/8 - 1/4 (0.137 mi.)	D18	34
Date Closed: 09/27/1985				
Date Closed: 05/25/2005				
Facility Status: CLOSED				
Facility Id: 6-1660BC				
Facility Id: 05-1106BC2				
BFC ASSOC	3006 DRUID PARK DR	NNE 1/8 - 1/4 (0.180 mi.)	D21	42

Date Closed: 10/18/2002 Facility Status: CLOSED Facility Id: 03-0023BC1 Facility Id: 7-1408BC2				
C&P TELEPHONE CO Date Closed: 12/01/2000 Facility Status: CLOSED Facility Id: 92-0048BC1	2815 DRUID PARK DR	NE 1/4 - 1/2 (0.310 mi.)	38	68
DIETZ & WATSON INC Date Closed: 08/13/2019 Facility Status: CLOSED Facility Id: 19-0367BC	3301 TOWANDA AVE	NNE 1/4 - 1/2 (0.328 mi.)	39	68
RUBY GRIFFON RESIDEN Date Closed: 10/14/2015 Facility Status: CLOSED Facility Id: 15-0395BC	3700 ROSEDALE RD	NNW 1/4 - 1/2 (0.395 mi.)	44	76
SMITH PROPERTY Date Closed: 01/17/1994 Facility Status: CLOSED Facility Id: 94-1697BC4	2912 NORFOLK AVE	N 1/4 - 1/2 (0.450 mi.)	59	96
Lower Elevation	Address	Direction / Distance	Map ID	Page
AMOCO STATION Date Closed: 09/16/2003 Date Closed: 08/15/2005	2850 LIBERTY HEIGHTS	N 0 - 1/8 (0.060 mi.)	B11	29
Date Closed: 03/24/2010 Facility Status: CLOSED Facility Id: 03-1852BC1 Facility Id: 04-0623BC1 Facility Id: 95-1190BC1				
Facility Status: CLOSED Facility Id: 03-1852BC1 Facility Id: 04-0623BC1	2600 LIBERTY HEIGHTS	E 1/8 - 1/4 (0.202 mi.)	F27	53
Facility Status: CLOSED Facility Id: 03-1852BC1 Facility Id: 04-0623BC1 Facility Id: 95-1190BC1 LIBERTY MEDICAL CENT Date Closed: 07/09/1999 Date Closed: 03/22/1995 Facility Status: CLOSED Facility Id: 99-2538BC2 Facility Id: 94-2774BC2	2600 LIBERTY HEIGHTS 2700 GWYNNS FALLS PA	E 1/8 - 1/4 (0.202 mi.) S 1/4 - 1/2 (0.259 mi.)	F27	53 61
Facility Status: CLOSED Facility Id: 03-1852BC1 Facility Id: 04-0623BC1 Facility Id: 95-1190BC1 LIBERTY MEDICAL CENT Date Closed: 07/09/1999 Date Closed: 03/22/1995 Facility Status: CLOSED Facility Id: 99-2538BC2 Facility Id: 94-2774BC2 Facility Id: 95-1616BC2 GWYNNS FALLS ELEMENT Date Closed: 08/27/2003 Facility Status: CLOSED		, ,		
Facility Status: CLOSED Facility Id: 03-1852BC1 Facility Id: 04-0623BC1 Facility Id: 95-1190BC1 LIBERTY MEDICAL CENT Date Closed: 07/09/1999 Date Closed: 03/22/1995 Facility Status: CLOSED Facility Id: 99-2538BC2 Facility Id: 94-2774BC2 Facility Id: 95-1616BC2 GWYNNS FALLS ELEMENT Date Closed: 08/27/2003 Facility Status: CLOSED Facility Id: 03-1718BC1 RALPH HERMAN HOLEWIN Date Closed: 06/29/1994 Facility Status: CLOSED	2700 GWYNNS FALLS PA	S 1/4 - 1/2 (0.259 mi.)	34	61

Facility Status: CLOSED Facility Id: 00-0548BC2				
MTA Date Closed: 03/23/1995 Facility Status: CLOSED Facility Id: 95-2114BC2	3400 CARLINS PARK DR	N 1/4 - 1/2 (0.351 mi.)	40	69
SOUTHWAY REALTY CO Date Closed: 09/20/1995 Facility Status: CLOSED Facility Id: 96-0111BC2	3200 REISTERSTOWN RD	ENE 1/4 - 1/2 (0.359 mi.)	41	69
PARK CIRCLE BP Date Closed: 07/11/1983 Date Closed: 01/23/2002 Date Closed: 05/15/2003 Date Closed: 04/12/2010 Date Closed: 11/16/2012 *Additional key fields are available in the Facility Status: CLOSED Facility Id: 3-3046BC2 Facility Id: 90-1030BC1 Facility Id: 03-1509BC1 Facility Id: 08-0119BC Facility Id: 11-0554BC *Additional key fields are available in the	· -	NE 1/4 - 1/2 (0.370 mi.)	42	70
HANLON PARK FIELD HO Date Closed: 12/03/1992 Facility Status: CLOSED Facility Id: 93-1008BC3	2700 N LONGWOOD ST	SW 1/4 - 1/2 (0.376 mi.)	43	74
BALTIMORE HOUSING PA Date Closed: 03/26/1993 Facility Status: CLOSED Facility Id: 93-1818BC2	2904 REISTERSTOWN RD	E 1/4 - 1/2 (0.399 mi.)	45	77
CROWN MD-007 Date Closed: 08/27/2010 Facility Status: CLOSED Facility Id: 92-0152BC1	2617 GWYNNS FALLS PK	SSE 1/4 - 1/2 (0.403 mi.)	46	77
WM. H. LEMMEL MIDDLE Date Closed: 01/15/2013 Facility Status: CLOSED Facility Id: 12-0665BC	2801 N DUKELAND ST	S 1/4 - 1/2 (0.405 mi.)	H47	77
WILLIAM H LEMMEL MID Date Closed: 07/08/2003 Facility Status: CLOSED Facility Id: 03-1118BC2	2801 N DUKELAND ST	S 1/4 - 1/2 (0.405 mi.)	H48	80
WILLIAM LEMMEL SCHOO Date Closed: 01/13/2010 Facility Status: CLOSED Facility Id: 10-0167BC	2801 W DUKELAND ST	S 1/4 - 1/2 (0.405 mi.)	H49	80
KENNY'S QUALITY AUTO Date Closed: 09/15/2003 Facility Status: CLOSED	2607 GYWNN FALLS PKW	SSE 1/4 - 1/2 (0.410 mi.)	150	80

Facility Id: 03-1469BC1				
COPPIN STATE UNIVERS Date Closed: 02/26/2010 Facility Status: CLOSED Facility Id: 08-0315BC	2525 AND 2601 GWYNNS	SSE 1/4 - 1/2 (0.413 mi.)	<i>1</i> 51	81
DOBSON/QUALITY WINDO Date Closed: 02/15/2002 Facility Status: CLOSED Facility Id: 94-1500BC1	2601 GWYNNS FALLS PK	SSE 1/4 - 1/2 (0.413 mi.)	152	84
COPPIN STATE UNIVERS Date Closed: 01/12/2010 Facility Status: CLOSED Facility Id: 08-0722BC	2523 GWYNN FALLS PKW	SE 1/4 - 1/2 (0.418 mi.)	J53	84
ROW CLOTHING ENT. Date Closed: 01/13/1999 Date Closed: 03/28/2002 Facility Status: CLOSED Facility Id: 98-2689BC2 Facility Id: 02-0568BC1	2523 GWYNNS FALLS PA	SE 1/4 - 1/2 (0.418 mi.)	J54	84
AMOCO STATION Date Closed: 07/15/1998 Facility Status: CLOSED Facility Id: 90-2383BC2	2525 GWYNNS FALLS PK	SE 1/4 - 1/2 (0.420 mi.)	J55	86
MONDAWMIN MALL Date Closed: 11/05/1999 Date Closed: 02/10/2000 Facility Status: CLOSED Facility Id: 00-0112BC2 Facility Id: 00-0960BC2	1200 MONDAWMIN MALL	ESE 1/4 - 1/2 (0.442 mi.)	K56	86
MONDAWMIN MALL Date Closed: 09/14/2004 Date Closed: 03/02/2018 Facility Status: CLOSED Facility Id: 04-1501BC1 Facility Id: 16-0166BC	1200 MONDAWMIN CONCO	ESE 1/4 - 1/2 (0.442 mi.)	K57	92
TIOGA APTS Date Closed: 10/08/2013 Facility Status: CLOSED Facility Id: 13-0575BC	2800 REISTERSTOWN RD	E 1/4 - 1/2 (0.444 mi.)	58	93
MCCOMAS FUEL CO Date Closed: 09/26/1994 Date Closed: 12/29/1994 Facility Status: CLOSED Facility Id: 90-2548BC2 Facility Id: 95-1072BC3	2301 EVERGREEN ST	SSE 1/4 - 1/2 (0.477 mi.)	L61	97
FIRESTONE TIRE CO Date Closed: 10/21/1993 Facility Status: CLOSED Facility Id: 94-1124BC2	2401 LIBERTY HEIGHTS	ESE 1/4 - 1/2 (0.478 mi.)	62	97

Facility Status: CLOSED Facility Id: 97-1009BC2

State and tribal registered storage tank lists

MD UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of the Environment's Listing of Underground Storage Tanks Reported in Maryland.

A review of the MD UST list, as provided by EDR, and dated 02/02/2021 has revealed that there are 5 MD UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ASHBURTON FILTRATION Facility Id: 4474 Tank Status: Permanently Out of Use	3001 DRUID PARK DRIV	NNE 1/8 - 1/4 (0.137 mi.)	D17	33
BFC ASSOCIATES Facility Id: 14585 Tank Status: Permanently Out of Use	3006 DRUID PARK DRIV	NNE 1/8 - 1/4 (0.180 mi.)	D22	43
Lower Elevation	Address	Direction / Distance	Map ID	Page
TONY'S BP/LIBERTY BP Facility Id: 7213 Tank Status: Permanently Out Of Use Tank Status: Currently In Use	2850 LIBERTY HEIGHTS	N 0 - 1/8 (0.060 mi.)	B10	27
BON SECOURS-LIBERTY Facility Id: 536 Tank Status: Permanently Out of Use	2600 LIBERTY HEIGHTS	E 1/8 - 1/4 (0.202 mi.)	F26	52
MT. ZION UNITED METH Facility Id: 2082 Tank Status: Currently In Use	3050 LIBERTY HEIGHTS	NW 1/8 - 1/4 (0.203 mi.)	E29	54

State and tribal institutional control / engineering control registries

MD ENG CONTROLS: Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

A review of the MD ENG CONTROLS list, as provided by EDR, and dated 11/10/2008 has revealed that there is 1 MD ENG CONTROLS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE H.C MCCOMAS FUEL	2301 EVERGREEN STREE	SSE 1/4 - 1/2 (0.477 mi.)	L60	97

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

MD HIST UST: Historical UST Registered Database.

A review of the MD HIST UST list, as provided by EDR, and dated 11/21/1996 has revealed that there are 3 MD HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ASHBURTON FILTRATION Facility Id: 6002500 Tank Status: CURRENTL	3001 DRUID PARK DR	NNE 1/8 - 1/4 (0.137 mi.)	D18	34
Lower Elevation	Address	Direction / Distance	Map ID	Page
AMOCO S\S #31 Facility Id: 3004005 Tank Status: REMOVED Tank Status: CURRENTL	2850 LIBERTY HTS AVE	N 0 - 1/8 (0.060 mi.)	B13	31
MT. ZION UNITED METH Facility Id: 6002125 Tank Status: CURRENTL	3050 LIBERTY HEIGHTS	NW 1/8 - 1/4 (0.203 mi.)	E28	54

Other Ascertainable Records

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 06/30/2018 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BALTIMORE DEPT OF PU	3001 DRUID PARK DR	NNE 1/8 - 1/4 (0.137 mi.)	D19	39
Generator EPA Id: MDD985372416				

MD MANIFEST: Hazardous waste manifest information for the state of Maryland. Maryland regulations require the generator to submit a copy of the manifest to the Maryland Department of the Environment.

A review of the MD MANIFEST list, as provided by EDR, and dated 06/30/2018 has revealed that there are 2 MD MANIFEST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DIETZ & WATSON	3330 HENRY G. PARKS	ENE 1/8 - 1/4 (0.239 mi.)	G32	60
DIETZ & WATSON	3330 HENRY G PARK JR	ENE 1/8 - 1/4 (0.239 mi.)	G33	61

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 4 EDR Hist Auto sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SIMON HENRY L	2850 LIBERTY HEIGH	N 0 - 1/8 (0.060 mi.)	B12	30
LOEATHEORWOOD JOHN 0	3000 LIBERTY HEIGH	NW 0 - 1/8 (0.106 mi.)	C14	32
DRUID PARK EXXON	2900 LIBERTY HEIGHTS	N 0 - 1/8 (0.119 mi.)	15	32
ASHBURTON SHOLL SERV	3004 LIBERTY HEIGH	NW 0 - 1/8 (0.122 mi.)	C16	33

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CLASSIC CLEANERS	3020 LIBERTY HEIGH	NW 1/8 - 1/4 (0.187 mi.)	E23	44

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

MD RGA LUST: The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of the Environment in Maryland from 1995-1999..

A review of the MD RGA LUST list, as provided by EDR, has revealed that there is 1 MD RGA LUST site

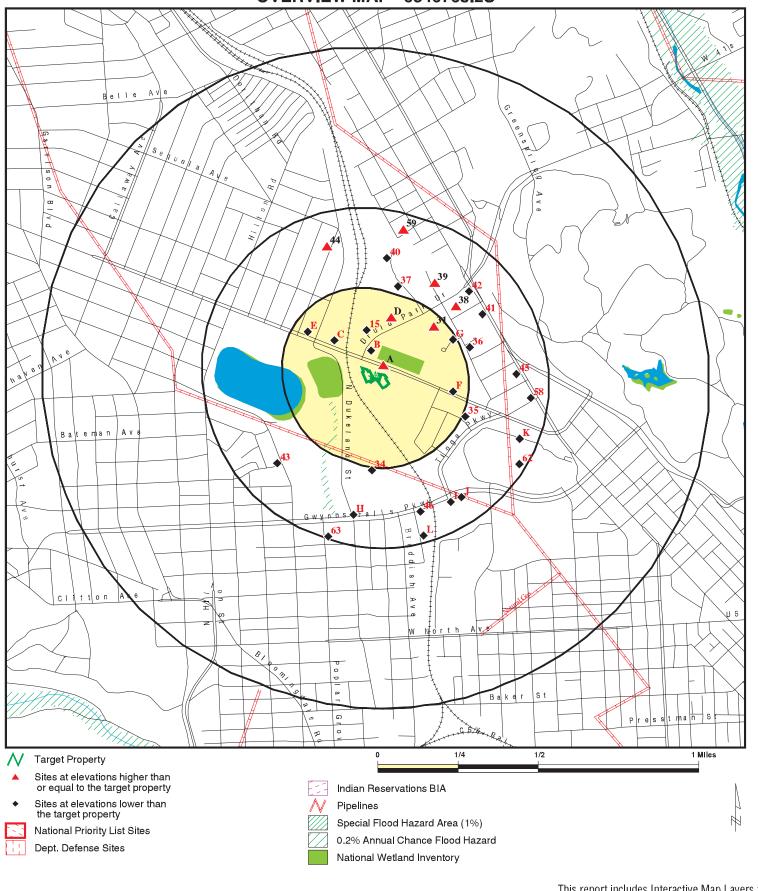
within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMOCO	2850 LIBERTY HEIGHTS	N 0 - 1/8 (0.060 mi.)	B9	27
Facility ID: 95-1190BC				

Due to poor or inadequate address information, the following sites were not mapped. Count: 11 records.

Site Name	Database(s)
NORTH AVENUE GATEWAY II	MD INST CONTROL, MD VCP, MD LRP
MTA	MD OCPCASES
UNKNOWN	MD OCPCASES
CFC TRUCK CO INC	MD OCPCASES
WABASH MANOR APTS	MD OCPCASES
WABASH MANOR APTS.	MD OCPCASES
WABASH MANOR APTS	MD OCPCASES
MTA	MD OCPCASES

OVERVIEW MAP - 6546763.2S



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Baltimore City Community College ADDRESS: 2901 Liberty Heights Avenue

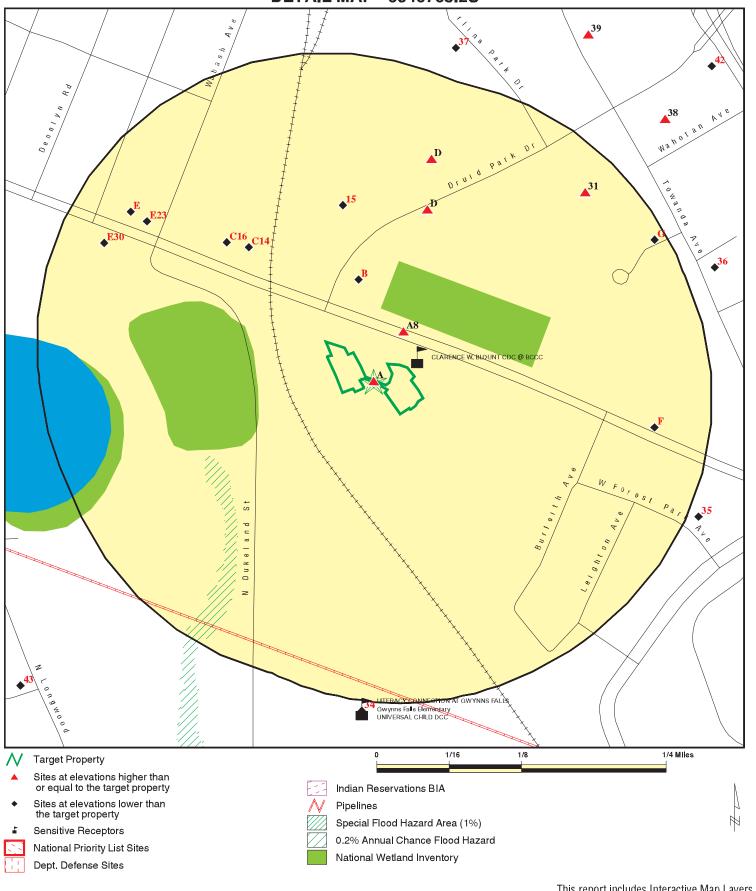
Baltimore MD 21215 LAT/LONG: 39.320937 / 76.663088 CLIENT: Geo-Technology Associates Inc.

CONTACT: Patrick Deery

INQUIRY#: 6546763.2s

DATE: June 22, 2021 10:07 am

DETAIL MAP - 6546763.2S



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Baltimore City Community College ADDRESS: 2901 Liberty Heights Avenue

ESS: 2901 Liberty Heights Avenue Baltimore MD 21215 DNG: 39.320937 / 76.663088

LAT/LONG:

CLIENT: Geo-Technology Associates Inc. CONTACT: Patrick Deery

INQUIRY #: 6546763.2s

DATE: June 22, 2021 10:07 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENT	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL	1.000 1.000		0 0	0 0	0 0	0 0	NR NR	0 0
Federal CERCLIS list								
FEDERAL FACILITY SEMS	1.000 0.500		0 0	0 0	0 0	0 NR	NR NR	0 0
Federal CERCLIS NFRA	P site list							
SEMS-ARCHIVE	0.250		0	0	NR	NR	NR	0
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD f	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-VSQG	0.250 0.250 0.250		0 0 1	0 2 3	NR NR NR	NR NR NR	NR NR NR	0 2 4
Federal institutional controls / engineering controls registries								
LUCIS US ENG CONTROLS US INST CONTROLS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equiva	alent CERCLIS	8						
MD SHWS	1.000		0	0	0	0	NR	0
State and tribal landfill a solid waste disposal site								
MD SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
INDIAN LUST MD OCPCASES MD HIST LUST	0.500 0.500 TP	1	0 1 NR	0 3 NR	0 29 NR	NR NR NR	NR NR NR	0 34 0
State and tribal registered storage tank lists								
FEMA UST MD UST INDIAN UST	0.250 0.250 0.250	1	0 1 0	0 4 0	NR NR NR	NR NR NR	NR NR NR	0 6 0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal institution control / engineering control /		S						
MD ENG CONTROLS MD INST CONTROL	0.500 TP		0 NR	0 NR	1 NR	NR NR	NR NR	1 0
State and tribal voluntary	y cleanup site	s						
MD VCP INDIAN VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	elds sites							
MD BROWNFIELDS	TP		NR	NR	NR	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORDS	<u>.</u>						
Local Brownfield lists								
US BROWNFIELDS	TP		NR	NR	NR	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
MD SWRCY INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	TP 0.500 0.500 TP 0.500		NR 0 0 NR 0	NR 0 0 NR 0	NR 0 0 NR 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardous Contaminated Sites	s waste /							
US HIST CDL US CDL	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Local Lists of Registered	d Storage Tan	ks						
MD HIST UST	0.250	1	1	2	NR	NR	NR	4
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS US FIN ASSUR EPA WATCH LIST 2020 COR ACTION SSTS RMP PRP ICIS COAL ASH DOE	TP 1.000 TP 0.500 TP TP 0.250 TP TP TP TP TP TP		NR 0 NR 0 NR NR 0 NR NR NR NR	NR 0 NR 0 NR NR 0 NR NR NR NR	NR 0 NR 0 NR NR NR NR NR NR	NR 0 NR NR NR NR NR NR NR NR	NR NR NR NR NR NR NR NR NR NR NR	0 0 0 0 0 0 0 0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
COAL ASH EPA PCB TRANSFORMER RADINFO HIST FTTS DOT OPS INDIAN RESERV FUSRAP UMTRA LEAD SMELTERS US AIRS ABANDONED MINES UXO DOCKET HWC ECHO FUELS PROGRAM MD AIRS MD ASBESTOS MD COAL ASH MD Financial Assurance MD LEAD MD LRP	0.500 TP TP TP TP 1.000 1.000 0.500 TP TP TP 1.000 TP TP 0.250 TP TP 0.500 TP TP	1 1 1	0 NR NR NR 0 0 0 NR NR 0 NR NR 0 NR NR 0 NR NR 0 NR NR 0 NR NR 0 0 0 0	0 NR	0 NR	NR NR NR NR NR O NR NR NR NR NR NR NR NR NR NR NR NR NR	NR NR NR NR NR NR NR NR NR NR NR NR NR N	0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0
PA MANIFEST MD MANIFEST MD NPDES MD UIC MINES MRDS	0.250 0.250 TP TP TP	1 1 1	0 0 NR NR NR	1 2 NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	2 3 1 0 0
EDR HIGH RISK HISTORICA EDR Exclusive Records	AL RECORDS							
EDR Hist Auto EDR Hist Cleaner EDR RECOVERED GOVERN	0.250 0.250 IMENT ARCHIV	<u>VES</u>	4 0	0 1	NR NR	NR NR	NR NR	4
Exclusive Recovered Go	vt. Archives							
MD RGA HWS MD RGA LF MD RGA LUST	1.000 0.500 0.500		0 0 1	0 0 0	0 0 0	0 NR NR	NR NR NR	0 0 1
- Totals		10	9	18	30	0	0	67

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

Α1 **COMMUNITY COLLEGE OF BALTIMORE** PA MANIFEST S108850382

N/A

Target 2901 LIBERTY RD **Property** BALTIMORE, MD 21215

Site 1 of 8 in cluster A

Actual: 352 ft.

Manifest Details:

2008 Year:

000193400JJK Manifest Number: Manifest Type: TSD Copy Generator EPA Id: MDD980552566 Generator Date: 07/21/2008 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Contact Phone: 410-462-8537 PAD067098822 TSD EPA Id: TSD Date: Not reported TSD Facility Name: CYCLE CHEM INC 550 INDUSTRIAL DRIVE TSD Facility Address:

TSD Facility City: **LEWISBERRY**

TSD Facility State: PΑ

Facility Telephone: Not reported

Page Number: 1 Line Number: Waste Number: D001 Container Number:

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity:

Unit: Gallons (liquids only) Handling Code: Not reported TSP EPA Id: Not reported

Date TSP Sig: Not reported

2008 Year:

Manifest Number: 000193400JJK Manifest Type: TSD Copy Generator EPA Id: MDD980552566 Generator Date: 07/21/2008 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Contact Phone: 410-462-8537 TSD EPA Id: PAD067098822 TSD Date: Not reported TSD Facility Name: CYCLE CHEM INC TSD Facility Address: 550 INDUSTRIAL DRIVE

TSD Facility City: **LEWISBERRY**

TSD Facility State: PΑ

Facility Telephone: Not reported

Page Number: 1 Line Number: 1 Waste Number: F003 Container Number:

Fiberboard or plastic drums, barrels, kegs Container Type:

Waste Quantity:

Unit: Gallons (liquids only) Handling Code: Not reported TSP EPA Id: Not reported

Direction Distance Elevation

nce EDR ID Number ation Site Database(s) EPA ID Number

COMMUNITY COLLEGE OF BALTIMORE (Continued)

S108850382

Date TSP Sig: Not reported

Year: 2008

Manifest Number: 000193400JJK Manifest Type: TSD Copy Generator EPA Id: MDD980552566 Generator Date: 07/21/2008 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported 410-462-8537 Contact Phone: TSD EPA Id: PAD067098822 TSD Date: Not reported TSD Facility Name: CYCLE CHEM INC TSD Facility Address: 550 INDUSTRIAL DRIVE

TSD Facility City: LEWISBERRY

TSD Facility State: PA

Facility Telephone: Not reported

Page Number: 1
Line Number: 3
Waste Number: D007
Container Number: 1

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity: 1:

Unit: Gallons (liquids only)

Handling Code: Not reported TSP EPA Id: Not reported Date TSP Sig: Not reported

Year: 2008

Manifest Number: 000193400JJK Manifest Type: TSD Copy Generator EPA Id: MDD980552566 Generator Date: 07/21/2008 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Contact Phone: 410-462-8537 PAD067098822 TSD EPA Id: TSD Date: Not reported TSD Facility Name: CYCLE CHEM INC TSD Facility Address: 550 INDUSTRIAL DRIVE

TSD Facility City: LEWISBERRY

TSD Facility State: PA

Facility Telephone: Not reported

Page Number: 1
Line Number: 4
Waste Number: XXXX
Container Number: 1

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity: 5

Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2008

Direction Distance Elevation

vation Site Database(s) EPA ID Number

COMMUNITY COLLEGE OF BALTIMORE (Continued)

S108850382

EDR ID Number

Manifest Number: 000193400JJK Manifest Type: TSD Copy Generator EPA Id: MDD980552566 Generator Date: 07/21/2008 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Contact Phone: 410-462-8537 TSD EPA Id: PAD067098822 TSD Date: Not reported TSD Facility Name: CYCLE CHEM INC TSD Facility Address: 550 INDUSTRIAL DRIVE

TSD Facility City: LEWISBERRY

TSD Facility State: PA

Facility Telephone: Not reported

Page Number: 1
Line Number: 1
Waste Number: D022
Container Number: 1

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity: 15

Unit: Gallons (liquids only)

Handling Code: Not reported TSP EPA Id: Not reported Date TSP Sig: Not reported

Year: 2008

Manifest Number: 000193400JJK Manifest Type: TSD Copy Generator EPA Id: MDD980552566 Generator Date: 07/21/2008 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Contact Phone: 410-462-8537 TSD EPA Id: PAD067098822 TSD Date: Not reported TSD Facility Name: CYCLE CHEM INC TSD Facility Address: 550 INDUSTRIAL DRIVE

TSD Facility City: LEWISBERRY

TSD Facility State: PA

Facility Telephone: Not reported

Page Number: 1
Line Number: 3
Waste Number: D006

Container Number: 1

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity: 1

Unit: Gallons (liquids only)

Handling Code: Not reported TSP EPA Id: Not reported Date TSP Sig: Not reported

Year: 2008

Manifest Number: 000193400JJK
Manifest Type: TSD Copy
Generator EPA Id: MDD980552566

Direction Distance Elevation

levation Site Database(s) EPA ID Number

COMMUNITY COLLEGE OF BALTIMORE (Continued)

S108850382

EDR ID Number

Generator Date: 07/21/2008 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Contact Phone: 410-462-8537 TSD EPA Id: PAD067098822 TSD Date: Not reported TSD Facility Name: CYCLE CHEM INC TSD Facility Address: 550 INDUSTRIAL DRIVE

TSD Facility City: LEWISBERRY

TSD Facility State: PA

Facility Telephone: Not reported

Page Number: 1
Line Number: 2
Waste Number: D009
Container Number: 1

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity: 5

Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2006

000192960JJK Manifest Number: TSD Copy Manifest Type: MDD980552566 Generator EPA Id: Generator Date: 10/20/2006 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Contact Phone: Not reported TSD EPA Id: PAD067098822 TSD Date: Not reported CYCLE CHEM INC TSD Facility Name: 550 INDUSTRIAL DRIVE TSD Facility Address:

TSD Facility City: LEWISBERRY

TSD Facility State: PA

Facility Telephone: 410-462-8537

 Page Number:
 1

 Line Number:
 2

 Waste Number:
 D009

 Container Number:
 1

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity: 5
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2006

Manifest Number: 000192960JJK
Manifest Type: TSD Copy
Generator EPA Id: MDD980552566
Generator Date: 10/20/2006
Mailing Address: Not reported
Mailing City,St,Zip: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

COMMUNITY COLLEGE OF BALTIMORE (Continued)

S108850382

Contact Name: Not reported Contact Phone: Not reported TSD EPA Id: PAD067098822 TSD Date: Not reported TSD Facility Name: CYCLE CHEM INC TSD Facility Address: 550 INDUSTRIAL DRIVE

TSD Facility City: **LEWISBERRY**

TSD Facility State: PΑ

Facility Telephone: 410-462-8537

Page Number: 1 Line Number: 1 Waste Number: F003 Container Number:

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity: Unit: Pounds Handling Code: Not reported TSP EPA Id: Not reported Date TSP Sig: Not reported

Year: 2006

Manifest Number: 000192960JJK TSD Copy Manifest Type: MDD980552566 Generator EPA Id: Generator Date: 10/20/2006 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Contact Phone: Not reported PAD067098822 TSD EPA Id: TSD Date: Not reported TSD Facility Name: CYCLE CHEM INC TSD Facility Address: 550 INDUSTRIAL DRIVE

LEWISBERRY TSD Facility City:

TSD Facility State: PΑ

Facility Telephone: 410-462-8537

Page Number: Line Number: 3 Waste Number: D007 Container Number:

Container Type: Fiberboard or plastic drums, barrels, kegs

Waste Quantity: 30 Unit: Pounds Handling Code: Not reported TSP EPA Id: Not reported Date TSP Sig: Not reported

> Click this hyperlink while viewing on your computer to access 3 additional PA_MANIFEST: record(s) in the EDR Site Report.

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

A2 BALTIMORE CITY COMMUNITY COLLEGE US AIRS 1010207319 N/A

Target 2901 LIBERTY HEIGHTS AVENUE

BALTIMORE, MD 21215 Property

Site 2 of 8 in cluster A

Actual: 352 ft.

US AIRS MINOR: 1010207319 Envid:

Region Code: 03

Programmatic ID: AIR MD0000002451000084

Facility Registry ID: 110029225997 D and B Number: Not reported Primary SIC Code: 8221 NAICS Code: 611310 Default Air Classification Code: MIN Facility Type of Ownership Code: STF Air CMS Category Code: Not reported **HPV Status:** Not reported

US AIRS MINOR:

Region Code:

Programmatic ID: AIR MD0000002451000084

Facility Registry ID: 110029225997

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: New Source Performance Standards

Activity Date: 1995-09-18 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Inspection/Evaluation Activity Type:

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR MD0000002451000084

Facility Registry ID: 110029225997

Air Operating Status Code: OPR Default Air Classification Code: MIN

New Source Performance Standards Air Program:

Activity Date: 1997-09-23 00:00:00

Activity Status Date: Not reported Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code:

Programmatic ID: AIR MD0000002451000084

Facility Registry ID: 110029225997

Air Operating Status Code: **OPR** Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1995-09-18 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

AIR MD0000002451000084 Programmatic ID:

Facility Registry ID: 110029225997

Air Operating Status Code: OPR

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BALTIMORE CITY COMMUNITY COLLEGE (Continued)

1010207319

Default Air Classification Code: MIN

State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards Air Program:

Activity Date: 1997-09-23 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Inspection/Evaluation Activity Type: Activity Status: Not reported

BALTIMORE CITY COMMUNITY COLLEGE A3

1016087856 **ECHO**

N/A

2901 LIBERTY HGHTS AVE **Property BALTIMORE, MD 21215**

Site 3 of 8 in cluster A

ECHO: Actual: 352 ft.

Target

Envid: 1016087856 Registry ID: 110029225997

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110029225997

BALTIMORE CITY COMMUNITY COLLEGE Name:

2901 LIBERTY HGHTS AVE Address: City, State, Zip: BALTIMORE, MD 21215

BALTIMORE CITY COMMUNITY COLLEGE A4

MD UST U003751127

Target 2901 LIBERTY HEIGHTS AVENUE

Property BALTIMORE, MD 21215 **MD Financial Assurance** N/A

Site 4 of 8 in cluster A

Actual: UST:

352 ft.

Facility Id: 11151 Oper Name: Ants Voiter Form Name: Ants M. Voiter Form Title: Maintenance Engineer

Form Date: 10/12/2018 Owner Id: 6867

Owner:

State of Maryland/Baltimore City Community College Owner Name: Owner Address: 2901 Liberty Heights Avenue Facilities Planning & Operation

Owner City: **Baltimore** Owner State: MD Owner Zip: 21215 Owner Phone: (443) 807-4894

Owner Contact: Arthur Williams, Maintenance Chief I

Tanks:

Tank ID:

Tank Status: **Permanently Out Of Use**

15000 Tank Capacity: Substance Description: Heating Oil Tank Compartment: False Compartment Compartment:

Date Intalled: 01/01/1962

Tank Material Desc: Asphalt Coated or Bare Steel Pipe Material Desc: Bare or Galvanized Steel

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BALTIMORE CITY COMMUNITY COLLEGE (Continued)

U003751127

Tank ID:

Tank Status: **Currently In Use**

Tank Capacity: 4000 Substance Description: Heating Oil Tank Compartment: False Compartment Compartment:

Date Intalled: 09/01/1996

Tank Material Desc: Fiberglass Reinforced Plastic Pipe Material Desc: Steel-slvd. in PVC, FRP or Plastic

Tank ID:

Currently In Use Tank Status:

1000 Tank Capacity: Substance Description: Diesel Tank Compartment: False Compartment Compartment:

Date Intalled: 09/01/1996

Tank Material Desc: Fiberglass Reinforced Plastic Pipe Material Desc: Steel-slvd. in PVC, FRP or Plastic

Tank ID:

Currently In Use Tank Status:

Tank Capacity: 10000 Substance Description: Heating Oil Tank Compartment: False Compartment Compartment: Α

Date Intalled: 03/01/2000

Tank Material Desc: Fiberglass Reinforced Plastic

Flexible Plastic Pipe Material Desc:

Tank ID:

Tank Status: **Permanently Out Of Use**

Tank Capacity: Not reported Substance Description: Gasoline False Tank Compartment: Compartment Compartment:

Date Intalled: Not reported

Tank Material Desc: Asphalt Coated or Bare Steel

Pipe Material Desc: Copper

MD Financial Assurance 2:

Name: BALTIMORE CITY COMMUNITY COLLEGE

2901 LIBERTY HEIGHTS AVENUE Address:

BALTIMORE, MD 21215 City,State,Zip:

Region: 2 Facility ID: 11151 Self Insured: True Insurance: False Risk Retention Group: False False Guarantee: Surety Bonds: False Letter of Credit: False State Fund: False Other Finance: False

Finacnce Comments: State Government (dt)

FR Not Listed: False

MAP FINDINGS Map ID Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

Α5 **BCCC- MAIN BUILDING RENOVATION PH. II** MD ASBESTOS \$121453644 **Target** 2901 LIBERTY HEIGHTS AVE. N/A

BALTIMORE, MD 21215 Property

Site 5 of 8 in cluster A

Number of floors in building:

Actual: ASBESTOS: 352 ft.

BCCC- MAIN BUILDING RENOVATION PH. II Name: 2901 LIBERTY HEIGHTS AVE. Address:

BALTIMORE, MD 21215-City,State,Zip: 2015

Removal/Encapsulation/Demolition Start Date: 09/24/2015 Removal/Encapsulation/Demolition End Date: 09/25/2015 Days of the week worked: THURS-FR Volume off facility Component (Cat I) not removed: 0 Cubic Yards Volume off facility Component (Cat I) not removed: 0 Cubic Yards Volume off facility Component (Cat II) not removed: 0 Cubic Yards 0800-160 Hours worked in a day: Original or resubmit: O Origina

Pipe Cat I not removed: 0 Linear Feet Pipe Cat II not removed: 0 Linear Feet Type of Building: University/College Contractor name: APRO Enterprises Inc

Length of project: Not reported

Type of project from notification form: S-N Non-NESHAP Renovation/Dem

Volume off facility component Cat I non friable removed: 0 Cubic Yards Pipes Cat I non friable removed: 0 Linear Feet Surface area Cat I non friable removed: 100 Square Feet Volume off facility component, Cat II non friable removed: 0 Cubic Yards Pipe Cat II non friable removed: 0 Linear Feet Surface area Cat II non friable removed: 0 Square Feet

Volume of facility component RACM removed: 0 Cubic Yards Pipes RACM removed: 0 Linear Feet Surface area RACM removed: 0 Square Feet Surface area Cat I not removed: 0 Square Feet 0 Square Feet Surface area Cat II not removed:

Site description (found in Section II of the notification): Dumpster at front of building

TRUE Owner of the site: Landfill asbestos will be sent to: **TRUE**

TRUE Transporter of the waste: Facility off components units: Not reported Pipes unit of measure: Linear Feet

Surface area unit of measure: Square Feet Square Feet

Received Date: 09/23/2015

Balt. City Comm. College Owner name:

Owner contact: Vinci

Owner street address: 2901 Liberty Heights Ave

Owner street address 2: Not reported Owner city: **Baltimore** Owner state: MD 21215-Owner zip code: ID number: 152051

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

A6 **COMMUNITY COLLEGE OF BALTIMORE**

Target 2901 LIBERTY HEIGHTS AVE **Property** BALTIMORE, MD 21215

MD OCPCASES S104636652 MD HIST UST N/A **MD NPDES**

Site 6 of 8 in cluster A

Actual: 352 ft.

OCPCASES:

BC COMMUNITY COLLEGE Name: 2901 LIBERTY HEIGHTS AVE Address: BALTIMORE, MD 21215 City,State,Zip:

Facility ID: 00-1625BC2 Facility Status/Code: CLOSED/B-9 Date Open: 03/27/2000 Date Closed: 09/28/2000 Release: YES Cleanup: YES Registration Number: 11151

Name: BC COMMUNITY COLLEGE 2901 LIBERTY HEIGHTS AVE Address: City, State, Zip: BALTIMORE, MD 21215

02-0946BC1 Facility ID: Facility Status/Code: CLOSED/Dumping Date Open: 01/22/2002 Date Closed: 03/09/2002 Release: YES YES Cleanup: Registration Number: 11151

Name: BC COMMUNITY COLLEGE Address: 2901 LIBERTY HEIGHTS AVE BALTIMORE, MD 21215 City,State,Zip:

Facility ID: 11-0298BC

Facility Status/Code: CLOSED/Tank Closure - Motor/Lube Oil

Date Open: 11/10/2010 Date Closed: 04/26/2011 NO Release: Cleanup: NO Registration Number: 11151

Historical UST:

Facility ID: 6002694 Tank ID: 001 Age: 30 Capacity: 15000 Tank Status:

Currently in use

Product: Diesel

Facility ID: 6002694 Tank ID: 002 0 Age: 1000 Capacity:

Tank Status: Currently in use

Product: Diesel

6002694 Facility ID: Tank ID: 003 Age: 4000 Capacity:

Direction Distance

Elevation Site Database(s) EPA ID Number

COMMUNITY COLLEGE OF BALTIMORE (Continued)

S104636652

EDR ID Number

Tank Status: Currently in use Product: Heating Oil

NPDES:

Owner Zip:

Received:

Name: BALTIMORE CITY COMMUNITY COLLEGE

Address: 2901 LIBERTY HEIGHTS AVE City, State, Zip: BALTIMORE, MD 21215

Facility Status: Not reported Bay Trib Number: Not reported Watershed: Not reported Permit Type: Not reported Description: Not reported Sic Number: Not reported Permit Number: Not reported Npdes Number: Not reported Not reported App Description: Latitude/Longitude: Not reported Last Issued: Not reported **Expiration Date:** Not reported Owner Name: Not reported Not reported Owner Address: Not reported Owner Address 2: Owner City: Not reported Not reported Owner State:

Comments: Application received for GP for (2) Small Fuel Burning Boil/Heater

Life Sci. Bldg

Received_July2016

Not reported

AI ID: Not reported Address 2: Not reported SIC Description: Not reported SIC Code2: Not reported SIC Description 2: Not reported SIC Code 3: Not reported SIC Description 3: Not reported Status Date: Not reported State Number: Not reported Not reported Approval Issued Date: Effective End Date: Not reported

Name: BALTIMORE CITY COMMUNITY COLLEGE

Address: 2901 LIBERTY HEIGHTS AVE

City,State,Zip: BALTIMORE, MD 21215

Facility Status: Not reported Bay Trib Number: Not reported Watershed: Not reported Permit Type: Not reported Description: Not reported Sic Number: Not reported Permit Number: Not reported Npdes Number: Not reported App Description: Not reported Not reported Latitude/Longitude: Last Issued: Not reported **Expiration Date:** Not reported Owner Name: Not reported Owner Address: Not reported

Direction Distance Elevation

ation Site Database(s) EPA ID Number

COMMUNITY COLLEGE OF BALTIMORE (Continued)

S104636652

EDR ID Number

Owner Address 2: Not reported
Owner City: Not reported
Owner State: Not reported
Owner Zip: Not reported
Received: Received_July2016

Comments: Application received for GP for (2) Small Fuel Burning Boil/Heater for

P.E. Building

AI ID: Not reported Address 2: Not reported SIC Description: Not reported SIC Code2: Not reported SIC Description 2: Not reported SIC Code 3: Not reported SIC Description 3: Not reported Status Date: Not reported Not reported State Number: Approval Issued Date: Not reported Effective End Date: Not reported

Name: BALTIMORE CITY COMMUNITY COLLEGE

Address: 2901 LIBERTY HEIGHTS AVE City, State, Zip: BALTIMORE, MD 21215

Facility Status: Not reported Bay Trib Number: Not reported Watershed: Not reported Permit Type: Not reported Description: Not reported Sic Number: Not reported Permit Number: Not reported Not reported Npdes Number: App Description: Not reported Latitude/Longitude: Not reported Last Issued: Not reported **Expiration Date:** Not reported Not reported Owner Name: Not reported Owner Address: Not reported Owner Address 2: Owner City: Not reported Owner State: Not reported Owner Zip: Not reported Received: Received_July2016

Comments: Issued 510-0084-5-2218 & 2219 GP for (2) Small fuel Burning

Boiler/Heat

AI ID: Not reported Address 2: Not reported SIC Description: Not reported SIC Code2: Not reported SIC Description 2: Not reported SIC Code 3: Not reported SIC Description 3: Not reported Status Date: Not reported State Number: Not reported Approval Issued Date: Not reported Effective End Date: Not reported

Name: BALTIMORE CITY COMMUNITY COLLEGE

Address: 2901 LIBERTY HEIGHTS AVE

Direction Distance

Elevation Site Database(s) EPA ID Number

COMMUNITY COLLEGE OF BALTIMORE (Continued)

S104636652

EDR ID Number

City,State,Zip: BALTIMORE, MD 21215

Facility Status: Not reported Bay Trib Number: Not reported Watershed: Not reported Permit Type: Not reported Description: Not reported Sic Number: Not reported Permit Number: Not reported Npdes Number: Not reported App Description: Not reported Latitude/Longitude: Not reported Last Issued: Not reported **Expiration Date:** Not reported Owner Name: Not reported Owner Address: Not reported Owner Address 2: Not reported Owner City: Not reported Owner State: Not reported Owner Zip: Not reported Received: Received_July2016

Comments: Issued 510-0084-5-2220 & 2221 GP for (2) Small Fuel Burning

Boiler/Heat

AI ID: Not reported Address 2: Not reported Not reported SIC Description: SIC Code2: Not reported SIC Description 2: Not reported SIC Code 3: Not reported SIC Description 3: Not reported Status Date: Not reported State Number: Not reported Approval Issued Date: Not reported Effective End Date: Not reported

A7 BALTIMORE CITY COMM COLLEGE - LIBERTY CAMPUS

MD MANIFEST \$121869509

N/A

Property BALTIMORE, MD 21215

Site 7 of 8 in cluster A

2901 LIBERTY HEIGHTS AVE

Actual: 352 ft.

Target

MANIFEST: EPAID:

PAID: MDD980552566

Name: BALTIMORE CITY COMM COLLEGE - LIBERTY CAMPUS

Address: 2901 LIBERTY HEIGHTS AVE City, State, Zip: BALTIMORE, MD 21215

Manifest Number: 017658441JJK

Transporter 1: MIDWEST ENVIRONMENTAL TRANSPORT, INC.

Transporter 2: Not reported
Generator Certifier: KEVIN STERN
Date Shipped Out: 06/07/2018

Destination Facility Certifier: MARY ANN ERCKERT

Date Arrived at Destingation Facility: 07/12/2018
Quantity: 84
Unit: Pounds

EPAID: MDD980552566

Name: BALTIMORE CITY COMM COLLEGE - LIBERTY CAMPUS

Address: 2901 LIBERTY HEIGHTS AVE

Direction Distance

Elevation Site Database(s) EPA ID Number

BALTIMORE CITY COMM COLLEGE - LIBERTY CAMPUS (Continued)

S121869509

EDR ID Number

City,State,Zip: BALTIMORE, MD 21215

Manifest Number: 017659735JJK

Transporter 1: MIDWEST ENVIRONMENTAL TRANSPORT INC

Transporter 2: Not reported
Generator Certifier: WALTER DIXON
Date Shipped Out: 03/14/2018

Destination Facility Certifier: MARY ANN ERCKERT

Date Arrived at Destingation Facility: 04/04/2018
Quantity: 682
Unit: Pounds

EPAID: MDD980552566

Name: BALTIMORE CITY COMM COLLEGE - LIBERTY CAMPUS

Address: 2901 LIBERTY HEIGHTS AVE City, State, Zip: BALTIMORE, MD 21215

Manifest Number: 017659407JJK

Transporter 1: MIDWEST ENVIRONMENTAL TRANSPORT INC

Transporter 2: Not reported

Generator Certifier: WINASOR TALYLOR

Date Shipped Out: 09/27/2017

Destination Facility Certifier: MARY ANN ERCKERT

Date Arrived at Destingation Facility: 10/12/2017
Quantity: 324
Unit: Pounds

EPAID: MDD980552566

Name: BALTIMORE CITY COMM COLLEGE - LIBERTY CAMPUS

Address: 2901 LIBERTY HEIGHTS AVE City, State, Zip: BALTIMORE, MD 21215

Manifest Number: 013838935JJK

Transporter 1: MIDWEST ENVIRONMENTAL TRANSPORT, INC.

Transporter 2: Not reported Generator Certifier: JEAN ELLIS Date Shipped Out: 06/17/2016

Destination Facility Certifier: MARY ANN ERCKERT

Date Arrived at Destingation Facility: 06/30/2016
Quantity: 352
Unit: Pounds

EPAID: MDD980552566

Name: BALTIMORE CITY COMM COLLEGE - LIBERTY CAMPUS

Address: 2901 LIBERTY HEIGHTS AVE City, State, Zip: BALTIMORE, MD 21215

Manifest Number: 013835967JJK

Transporter 1: MIDWEST ENVIRONMENTAL TRANSPORT INC

Transporter 2: Not reported
Generator Certifier: TIRA BENNETT
Date Shipped Out: 02/04/2015

Destination Facility Certifier: MARY ANN ERCKERT

Date Arrived at Destingation Facility: 02/19/2015
Quantity: 56
Unit: POUNDS

Map ID MAP FINDINGS
Direction

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

A8 COMMUNTIY COLLEGE OF BALTIMORE RCRA-VSQG 1000411818
NNE CCB LIBERTY CAMPUS-LIBERTY HEI MDD980552566

< 1/8 BALTIMORE, MD 21215

0.029 mi.

154 ft. Site 8 of 8 in cluster A

Contact Name:

Relative: RCRA-VSQG:

Higher Date Form Received by Agency: 2010-01-25 00:00:00.0

Actual: Handler Name: COMMUNTIY COLLEGE OF BALTIMORE

363 ft. Handler Address: CCB LIBERTY CAMPUS-LIBERTY HEI

Handler City,State,Zip:

EPA ID:

BALTIMORE, MD 21215

MDD980552566

Contact Address: CCB LIBERTY CAMPUS-LIBERTY HEI

MELTON JONES

Contact City, State, Zip: BALTIMORE, MD 21215

Contact Telephone: 301-396-7994
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 03

EPA Region: 03
Land Type: Private

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator

Non-Notifier:

Biennial Report Cycle:

Accessibility:

Active Site Indicator:

State District Owner:

State District:

Not reported

Handler Activities

Not reported

Not reported

Not reported

Mailing Address: 2901 LIBERTY HEIGHTS AVENUE

Mailing City, State, Zip:

Owner Name:

BALTIMORE, MD 21215

CITY OF BALTIMORE

Owner Type: Municipal Operator Name: **OPERNAME** Operator Type: Municipal Short-Term Generator Activity: No Importer Activity: No Mixed Waste Generator: No Transporter Activity: No Transfer Facility Activity: No Recycler Activity with Storage: No Small Quantity On-Site Burner Exemption: No Smelting Melting and Refining Furnace Exemption: No **Underground Injection Control:** No Off-Site Waste Receipt: No Universal Waste Indicator: Yes Universal Waste Destination Facility: Yes Federal Universal Waste: Yes

Active Site Fed-Reg Treatment Storage and Disposal Facility:
Active Site Converter Treatment storage and Disposal Facility:
Active Site State-Reg Treatment Storage and Disposal Facility:
Not reported
Not reported

Active Site State-Reg Handler:

Federal Facility Indicator:
Hazardous Secondary Material Indicator:
Sub-Part K Indicator:
Not reported
Not reported

Commercial TSD Indicator:

Treatment Storage and Disposal Type:

2018 GPRA Permit Baseline:

2018 GPRA Renewals Baseline:

Not on the Baseline

Permit Renewals Workload Universe:

Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

COMMUNTIY COLLEGE OF BALTIMORE (Continued)

1000411818

Permit Workload Universe: Not reported Not reported Permit Progress Universe: Post-Closure Workload Universe: Not reported Closure Workload Universe: Not reported

202 GPRA Corrective Action Baseline: No Corrective Action Workload Universe: No Subject to Corrective Action Universe: No Non-TSDFs Where RCRA CA has Been Imposed Universe: No TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No TSDFs Only Subject to CA under Discretionary Auth Universe: No

Corrective Action Priority Ranking: No NCAPS ranking

Environmental Control Indicator: No Institutional Control Indicator: No Human Exposure Controls Indicator: N/A Groundwater Controls Indicator: N/A

Operating TSDF Universe: Not reported Full Enforcement Universe: Not reported

Significant Non-Complier Universe: No Unaddressed Significant Non-Complier Universe: No Addressed Significant Non-Complier Universe: No Significant Non-Complier With a Compliance Schedule Universe: No

Financial Assurance Required: Not reported

Handler Date of Last Change: 2018-01-30 00:00:00.0

Recognized Trader-Importer: No Recognized Trader-Exporter: No Importer of Spent Lead Acid Batteries: No Exporter of Spent Lead Acid Batteries: No Recycler Activity Without Storage: No Manifest Broker: No Sub-Part P Indicator: No

Hazardous Waste Summary:

D000 Waste Code: Waste Description: Not Defined

Waste Code:

IGNITABLE WASTE Waste Description:

Waste Code: D002

CORROSIVE WASTE Waste Description:

Waste Code: D003

Waste Description: REACTIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator: Operator Owner/Operator Name: **OPERNAME** Legal Status: Municipal Date Became Current: Not reported Date Ended Current: Not reported **OPERSTREET** Owner/Operator Address: Owner/Operator City, State, Zip: OPERCITY, AK 99999

Owner/Operator Telephone: 215-555-1212 Owner/Operator Telephone Ext: Not reported Owner/Operator Fax: Not reported

Distance

Elevation Site Database(s) EPA ID Number

COMMUNTIY COLLEGE OF BALTIMORE (Continued)

1000411818

EDR ID Number

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner

Owner/Operator Name: CITY OF BALTIMORE

Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OWNERSTREET
Owner/Operator City, State, Zip: OWNERCITY, AK 99999

Owner/Operator Telephone: 215-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner

Owner/Operator Name: CITY OF BALTIMORE

Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OWNERSTREET
Owner/Operator City, State, Zip: OWNERCITY, AK 99999

Owner/Operator Telephone: 215-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator:
Owner/Operator Name:
OPERNAME
Legal Status:
Municipal
Date Became Current:
Not reported
Date Ended Current:
Owner/Operator Address:
OPERSTREET
Owner/Operator City, State, Zip:
Operator

Owner/Operator Telephone: 215-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2010-01-25 00:00:00.0

Handler Name: COMMUNTIY COLLEGE OF BALTIMORE

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator

State District Owner: Not reported

Large Quantity Handler of Universal Waste: Yes Recognized Trader Importer: No Recognized Trader Exporter: No Spent Lead Acid Battery Importer: No Spent Lead Acid Battery Exporter: No Current Record: Yes Non Storage Recycler Activity: Not reported Electronic Manifest Broker: Not reported

Receive Date: 1981-10-05 00:00:00.0

Handler Name: COMMUNTIY COLLEGE OF BALTIMORE

Federal Waste Generator Description: Large Quantity Generator

State District Owner: Not reported

Large Quantity Handler of Universal Waste: No

Distance Elevation

Site Database(s) EPA ID Number

COMMUNTIY COLLEGE OF BALTIMORE (Continued)

1000411818

EDR ID Number

Recognized Trader Importer:

Recognized Trader Exporter:

No
Spent Lead Acid Battery Importer:

No
Spent Lead Acid Battery Exporter:

No
Current Record:

No

Non Storage Recycler Activity: Not reported Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:

Found Violation: Yes
Agency Which Determined Violation: State

Violation Short Description:Generators - GeneralDate Violation was Determined:2010-01-26 00:00:00.0Actual Return to Compliance Date:2010-03-08 00:00:00.0

Return to Compliance Qualifier: Documented Violation Responsible Agency: State

Scheduled Compliance Date: Not reported **Enforcement Identifier:** Not reported Date of Enforcement Action: Not reported Enforcement Responsible Agency: Not reported **Enforcement Docket Number:** Not reported Not reported **Enforcement Attorney:** Corrective Action Component: Not reported Appeal Initiated Date: Not reported Appeal Resolution Date: Not reported Disposition Status Date: Not reported Disposition Status: Not reported Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported

Consent/Final Order Respondent Name: Not reported Consent/Final Order Lead Agency: Not reported

Enforcement Type: Not reported

Enforcement Responsible Person:

Enforcement Responsible Sub-Organization:

Not reported

Not reported

SEP Sequence Number: Not reported

SEP Expenditure Amount: Not reported SEP Scheduled Completion Date: Not reported SEP Actual Date: Not reported SEP Defaulted Date: Not reported SEP Type: Not reported SEP Type Description: Not reported Proposed Amount: Not reported Final Monetary Amount: Not reported Paid Amount: Not reported Final Count: Not reported Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

Violation Short Description:Generators - GeneralDate Violation was Determined:2010-01-26 00:00:00.0Actual Return to Compliance Date:2010-03-08 00:00:00.0

Return to Compliance Qualifier: Documented

Map ID MAP FINDINGS Direction

Direction Distance Elevation

Site EDR ID Number EDR ID Number EPA ID Number

Not reported

Not reported

Not reported

Not reported

Not reported

COMMUNTIY COLLEGE OF BALTIMORE (Continued)

1000411818

MINIONTH COLLEGE OF BALTIMONE (COMMINGE)	
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: Not reported	
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	

Consent/Final Order Respondent Name: Consent/Final Order Lead Agency:

Enforcement Responsible Sub-Organization:

Enforcement Responsible Person:

Enforcement Type:

Direction Distance

Elevation Site Database(s) EPA ID Number

COMMUNTIY COLLEGE OF BALTIMORE (Continued)

1000411818

EDR ID Number

SEP Sequence Number: Not reported

SEP Expenditure Amount: Not reported SEP Scheduled Completion Date: Not reported SEP Actual Date: Not reported SEP Defaulted Date: Not reported SEP Type: Not reported SEP Type Description: Not reported Proposed Amount: Not reported Final Monetary Amount: Not reported Paid Amount: Not reported Final Count: Not reported Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 2010-01-26 00:00:00.0

Evaluation Responsible Agency: State Found Violation: Yes

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation Responsible Person Identifier: MDMHB
Evaluation Responsible Sub-Organization: Not reported

Actual Return to Compliance Date: 2010-03-08 00:00:00.0

Scheduled Compliance Date:

Date of Request:

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Request Agency:

Not reported

Not reported

Not reported

Not reported

Evaluation Date: 2010-03-08 00:00:00.0

Evaluation Responsible Agency: State Found Violation: Yes

Evaluation Type Description: NON-FINANCIAL RECORD REVIEW

Evaluation Responsible Person Identifier: MDMHB
Evaluation Responsible Sub-Organization: Not reported

Actual Return to Compliance Date: 2010-03-08 00:00:00.0

Scheduled Compliance Date:

Date of Request:

Date Response Received:

Request Agency:

Former Citation:

Not reported

Not reported

Not reported

Not reported

Not reported

Evaluation Date: 1990-07-24 00:00:00.0

Evaluation Responsible Agency: State Found Violation: No

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation Responsible Person Identifier: Not reported Evaluation Responsible Sub-Organization: Not reported Actual Return to Compliance Date: Not reported Scheduled Compliance Date: Not reported Date of Request: Not reported Date Response Received: Not reported Request Agency: Not reported Former Citation: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

B9 AMOCO MD RGA LUST S116016294

2850 LIBERTY HEIGHTS AVE North BALTMORE, MD

0.060 mi.

< 1/8

315 ft. Site 1 of 5 in cluster B

Relative: RGA LUST:

Lower 1999 AMOCO 2850 LIBERTY HEIGHTS AVE 2850 LIBERTY HEIGHTS AVE 1998 AMOCO Actual: 1997 AMOCO 2850 LIBERTY HEIGHTS AVE 341 ft. AMOCO 2850 LIBERTY HEIGHTS AVE 1996 1995 AMOCO 2850 LIBERTY HEIGHTS AVE

B10 TONY'S BP/LIBERTY BP MD UST 1002729422

North 2850 LIBERTY HEIGHTS AVENUE **MD Financial Assurance** N/A

< 1/8 **BALTIMORE, MD 21215**

0.060 mi.

315 ft. Site 2 of 5 in cluster B

Relative: UST:

Lower Facility Id: 7213

Oper Name: Abdalatti Elghannam Actual:

Form Name: Herb Meade 341 ft.

Form Title: **Environmental Director**

Form Date: 01/28/2019 Owner Id: 14022

Owner:

Owner Name: DTSS, LLC

Owner Address: c/o Carroll Independent Fuel Company 2700 Loch Raven Road

Owner City: **Baltimore** Owner State: MD Owner Zip: 21218 Owner Phone: (410) 261-5450 Owner Contact: Herb Meade

Tanks:

Tank ID:

Tank Status: Permanently Out Of Use

Tank Capacity: 8000 Substance Description: Gasoline Tank Compartment: False Compartment Compartment:

Date Intalled: 01/01/1969

Tank Material Desc: Asphalt Coated or Bare Steel Bare or Galvanized Steel Pipe Material Desc:

Tank ID:

Permanently Out Of Use Tank Status:

8000 Tank Capacity: Substance Description: Gasoline Tank Compartment: False Compartment Compartment: Α

Date Intalled: 01/01/1969

Asphalt Coated or Bare Steel Tank Material Desc: Pipe Material Desc: Bare or Galvanized Steel

Tank ID:

Permanently Out Of Use Tank Status:

Tank Capacity: 8000 Substance Description: Gasoline N/A

Direction Distance Elevation

evation Site Database(s) EPA ID Number

TONY'S BP/LIBERTY BP (Continued)

1002729422

EDR ID Number

Tank Compartment: False Compartment Compartment: A

Date Intalled: 01/01/1969

Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID:

Tank Status: Permanently Out Of Use

Tank Capacity: 550
Substance Description: Used Oil
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 01/01/1967

Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID:

Tank Status: Permanently Out Of Use

Tank Capacity: 2000
Substance Description: Heating Oil
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 01/01/1969

Tank Material Desc: Asphalt Coated or Bare Steel Pipe Material Desc: Bare or Galvanized Steel

Tank ID:

Tank Status: Currently In Use

Tank Capacity: 12000
Substance Description: Gasohol
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 11/01/1995

Tank Material Desc: Fiberglass Reinforced Plastic

Pipe Material Desc: Flexible Plastic

Tank ID:

Tank Status: Currently In Use

Tank Capacity: 12000
Substance Description: Gasohol
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 11/01/1995

Tank Material Desc: Fiberglass Reinforced Plastic

Pipe Material Desc: Flexible Plastic

Tank ID:

Tank Status: Currently In Use

Tank Capacity: 12000
Substance Description: Gasohol
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 11/01/1995

Tank Material Desc: Fiberglass Reinforced Plastic

Pipe Material Desc: Flexible Plastic

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TONY'S BP/LIBERTY BP (Continued)

1002729422

MD Financial Assurance 2:

TONY'S BP/LIBERTY BP Name:

Address: 2850 LIBERTY HEIGHTS AVENUE

City, State, Zip: BALTIMORE, MD 21215

Region: Facility ID: 7213 Self Insured: False Insurance: True Risk Retention Group: False Guarantee: False Surety Bonds: False Letter of Credit: False State Fund: False Other Finance: False

Finacnce Comments: Policy # 002655600 Insurer: Ironshore Specialty Ins. Co. Policy

Period: 2/16/18 - 2/16/19 (dt)

FR Not Listed: False

B11 **AMOCO STATION** MD OCPCASES 1000523520 North 2850 LIBERTY HEIGHTS AVE **MD HIST LUST** N/A

< 1/8 0.060 mi.

Site 3 of 5 in cluster B 315 ft.

Relative: OCPCASES:

Lower Name: **AMOCO**

BALTIMORE, MD 21215

Address: 2850 LIBERTY HEIGHTS AVE Actual: City,State,Zip: BALTIMORE, MD 21215 341 ft.

Facility ID: 03-1852BC1

Facility Status/Code: CLOSED/Surface Spill from UST - Motor/Lube Oil

Date Open: 05/22/2003 Date Closed: 09/16/2003 Release: YES YES Cleanup: Registration Number: 7213

AMOCO Name:

2850 LIBERTY HEIGHTS AVE Address: City,State,Zip: BALTIMORE, MD 21215

Facility ID: 04-0623BC1

Facility Status/Code: CLOSED/Other - Motor/Lube Oil

Date Open: 09/30/2003 Date Closed: 08/15/2005 Release: YES Cleanup: YES Registration Number: 7213

AMOCO STATION Name:

Address: 2850 LIBERTY HEIGHTS AVE City, State, Zip: BALTIMORE, MD 21215

Facility ID: 95-1190BC1

Facility Status/Code: CLOSED/Well/GW Contamination - Motor/Lube Oil

Date Open: 11/11/1994 Date Closed: 03/24/2010 Release: YES Cleanup: YES Registration Number: 7213

Direction Distance

EDR ID Number Elevation **EPA ID Number** Site Database(s)

AMOCO STATION (Continued)

1000523520

Historical LUST:

Recover Type: Automatic - 24 hour remediation system is on site

County: **BALTIMORE CITY** Case Number: 95-1190BC Open/Closed: **OPEN**

B12 SIMON HENRY L **EDR Hist Auto** 1009084428 North 2850 LIBERTY HEIGHTS AVE N/A

< 1/8 **BALTIMORE, MD**

0.060 mi.

315 ft. Site 4 of 5 in cluster B

Relative: **EDR Hist Auto**

Lower Actual:

341 ft.

Year: Name: Type:

1964 SIMON HENRY L **GASOLINE STATIONS** 1969 MONTAGUES AMERICAN SERVICE STN Gasoline Service Stations 1970 MONTAGUES AMERICAN SERVICE STN **Gasoline Service Stations** MONTAGUES AMERICAN SERVICE STN 1971 Gasoline Service Stations 1972 MONTAGUES AMERICAN SERVICE STN Gasoline Service Stations 1973 MONTAGUES AMERICAN SERVICE STN Gasoline Service Stations 1974 MONTAGUES AMERICAN SVC STN Gasoline Service Stations 1975 MONTAGUES AMERICAN SVC STN Gasoline Service Stations **RAY OWEN** 1976 Gasoline Service Stations **RAY OWEN** 1977 Gasoline Service Stations 1978 **RAY OWEN Gasoline Service Stations** 1979 **RAY OWEN** Gasoline Service Stations **RAY OWEN** 1980 Gasoline Service Stations 1982 **RAY OWEN** Gasoline Service Stations 1983 **RAY OWEN** Gasoline Service Stations **RAY OWEN Gasoline Service Stations** 1985 1986 **RAY OWEN Gasoline Service Stations RAY OWEN** 1987 Gasoline Service Stations **RAY OWEN** 1988 Gasoline Service Stations 1989 **RAY OWEN** Gasoline Service Stations 1990 **RAY OWEN** Gasoline Service Stations 1991 **RAY OWEN Gasoline Service Stations** 1992 **RAY OWEN** Gasoline Service Stations 1993 **RAY OWFN** Gasoline Service Stations 1994 **ASHBURTON AMOCO Gasoline Service Stations** 1995 ASHBURTON AMOCO **Gasoline Service Stations** 2001 ASHBURTON AMOCO **Gasoline Service Stations** 2001 Gasoline Service Stations LIBERTY HEIGHTS AMOCO 2002 **ASHBURTON AMOCO** Gasoline Service Stations 2002 Gasoline Service Stations LIBERTY HEIGHTS AMOCO 2003 LIBERTY HEIGHTS AMOCO Gasoline Service Stations 2003 ASHBURTON AMOCO Gasoline Service Stations 2004 LIBERTY HEIGHTS AMOCO Gasoline Service Stations 2004 **ASHBURTON AMOCO** Gasoline Service Stations 2005 LIBERTY HEIGHTS AMOCO Gasoline Service Stations 2005 ASHBURTON AMOCO **Gasoline Service Stations** 2006 TONYS BP

Gasoline Service Stations, NEC 2006 LIBERTY HEIGHTS AMOCO Gasoline Service Stations 2006 **ASHBURTON AMOCO** Gasoline Service Stations 2007 LIBERTY HEIGHTS AMOCO Gasoline Service Stations 2007 TONYS BP Gasoline Service Stations, NEC 2007 ASHBURTON AMOCO Gasoline Service Stations

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SIMON HENRY L (Continued)

1009084428

2008 2008 2009 2009 2010 2010 2011 2011 2012 2012	LIBERTY HEIGHTS AMOCO TONYS BP TONYS BP LIBERTY HEIGHTS AMOCO LIBERTY HEIGHTS AMOCO TONYS BP LIBERTY HEIGHTS AMOCO TONYS BP TONYS BP LIBERTY HEIGHTS AMOCO LIBERTY HEIGHTS AMOCO TONYS BP LIBERTY HEIGHTS AMOCO RAM & SONS AUTO INC	Gasoline Service Stations Gasoline Service Stations, NEC Gasoline Service Stations, NEC Gasoline Service Stations Gasoline Service Stations Gasoline Service Stations, NEC Gasoline Service Stations, NEC Gasoline Service Stations, NEC Gasoline Service Stations, NEC Gasoline Service Stations General Automotive Repair Shops
2014	RAM & SONS AUTO INC	General Automotive Repair Shops
2014	TONYS BP	Gasoline Service Stations, NEC

B13 North < 1/8 0.060 mi. 315 ft.

AMOCO S\\S #31 2850 LIBERTY HTS AVE BALTIMORE, MD 21215

Site 5 of 5 in cluster B

Relative: Lower

Historical UST:

Actual: 341 ft.

Facility ID: 3004005 Tank ID: 001 Age: 27 Capacity: 8,000 Tank Status: Removed Product: Gasoline

Facility ID: 3004005 Tank ID: 002 27 Age: 8,000 Capacity: Tank Status: Removed Product: Gasoline

3004005 Facility ID: Tank ID: 003 Age: 27 Capacity: 8,000 Tank Status: Removed Product: Gasoline

Facility ID: 3004005 004 Tank ID: Age: 29 550 Capacity: Tank Status: Removed Product: Used Oil

Facility ID: 3004005 Tank ID: 007 Age: 1 12,000 Capacity:

Tank Status: Currently in use Product: Gasoline

S104630572

N/A

MD HIST UST

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

AMOCO S\\S #31 (Continued)

S104630572

Facility ID: 3004005 800 Tank ID: Age: 1 Capacity: 12,000 Tank Status: Currently in use Product: Gasoline

Facility ID: 3004005 Tank ID: 009 Age: Capacity: 12,000 Tank Status: Currently in use Product: Gasoline

C14 **LOEATHEORWOOD JOHN 0 EDR Hist Auto** 1009083633 NW 3000 LIBERTY HEIGHTS AV N/A

< 1/8 **BALTIMORE, MD**

0.106 mi.

558 ft. Site 1 of 2 in cluster C

Relative: Lower

EDR Hist Auto

Year: Name: Type: Actual: 312 ft.

LOEATHEORWOOD JOHN 0 **GASOLINE STATIONS** 1964 1969 LEATHERWOOD JOHN O Gasoline Service Stations LEATHERWOOD JOHN O Gasoline Service Stations 1970 1972 **BOWMANS B P SERVICE** Gasoline Service Stations 1973 **BOWMANS B P SERVICE** Gasoline Service Stations 1974 **BOWMANS B P SERVICE Gasoline Service Stations** 1975 **BOWMANS B P SERVICE** Gasoline Service Stations 1976 **BOWMANS B P SERVICE** Gasoline Service Stations 1992 **BOWMAN ROOSEVELT SERVICE STN Gasoline Service Stations**

DRUID PARK EXXON 1009083899 15 **EDR Hist Auto** North 2900 LIBERTY HEIGHTS AVE N/A

< 1/8 BALTIMORE, MD 21215

0.119 mi. 628 ft.

Relative: **EDR Hist Auto**

Lower

Name: Type: Actual: Year:

DRUID DRIVE ESSO SERVICE STATIO **GASOLINE STATIONS** 314 ft. 1964 1992 DRUID PARK EXXON Gasoline Service Stations

> 1993 DRUID PARK EXXON Gasoline Service Stations 1994 DRUID PARK EXXON Gasoline Service Stations 1995 DRUID PARK EXXON Gasoline Service Stations

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

C16 **ASHBURTON SHOLL SERVICE STATION EDR Hist Auto** 1009084600 NW

3004 LIBERTY HEIGHTS AVE N/A

BALTIMORE, MD < 1/8

0.122 mi.

642 ft. Site 2 of 2 in cluster C

Relative: Lower

EDR Hist Auto

Year: Name: Type: Actual:

GASOLINE STATIONS 1964 ASHBURTON SHOLL SERVICE STATION 314 ft. HOLT R G INC Gasoline Service Stations 1969

> 1970 HOLT R G INC Gasoline Service Stations 1986 T & E AUTO REPAIRS General Automotive Repair Shops T & E AUTO REPAIRS 1987 General Automotive Repair Shops T & E AUTO REPAIRS General Automotive Repair Shops 1988 1989 T & E AUTO REPAIRS General Automotive Repair Shops 1996 **T&E AUTO REPAIR** General Automotive Repair Shops **T&E AUTO REPAIR** 1997 General Automotive Repair Shops

T&E AUTO REPAIR General Automotive Repair Shops 1998

D17 **ASHBURTON FILTRATION PLANT** MD UST U003752606 NNE **3001 DRUID PARK DRIVE MD Financial Assurance** N/A

BALTIMORE, MD 21215 1/8-1/4

0.137 mi.

721 ft. Site 1 of 6 in cluster D

UST: Relative:

Higher Facility Id: 4474 Oper Name: Ken Hulther Actual: Form Name: Joseph D. Johnson 354 ft.

> Form Title: Water Treatment Assistant Mgr.

Form Date: 05/24/2005 Owner Id: 5870

Owner:

Owner Name: City of Baltimore Department of General Services

Owner Address: Fleet Management 3800 E. Biddle Street

Owner City: Baltimore Owner State: MD Owner Zip: 21213 Owner Phone: (410) 396-3269 Owner Contact: Robert Holste

Tanks:

Tank ID:

Tank Status: **Permanently Out of Use**

20000 Tank Capacity: Substance Description: Heating Oil False Tank Compartment: Compartment Compartment: Α

Date Intalled: 12/01/1980

Tank Material Desc: Fiberglass Reinforced Plastic Pipe Material Desc: Bare or Galvanized Steel

MD Financial Assurance 2:

Name: ASHBURTON FILTRATION PLANT

Address: 3001 DRUID PARK DRIVE City,State,Zip: BALTIMORE, MD 21215

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ASHBURTON FILTRATION PLANT (Continued)

U003752606

1001706942

N/A

MD OCPCASES

MD HIST UST

MD LEAD

MD NPDES

Region: 2 Facility ID: 4474 Self Insured: False Insurance: False Risk Retention Group: False Guarantee: False Surety Bonds: False Letter of Credit: False State Fund: False Other Finance: False Not reported Finacnce Comments: FR Not Listed: False

D18 **ASHBURTON FILTRATION PLANT**

NNE 3001 DRUID PARK DR 1/8-1/4 **BALTIMORE, MD 21215**

0.137 mi.

Site 2 of 6 in cluster D 721 ft.

Relative: OCPCASES:

Higher ASHBURTON STATION #46 Name: Address: 3001 DRUID PARK DR Actual: City,State,Zip: BALTIMORE, MD 21215 354 ft.

6-1660BC Facility ID: Facility Status/Code: CLOSED/ Date Open: 09/16/1985 Date Closed: 09/27/1985 Release: Not reported Not reported Cleanup: Registration Number: 4474

ASHBURTON FILTRATION PLANT Name:

Address: 3001 DRUID PARK DR City,State,Zip: BALTIMORE, MD 21215

Facility ID: 05-1106BC2

Facility Status/Code: CLOSED/Tank Closure - Commercial Heating Oil

Date Open: 05/02/2005 Date Closed: 05/25/2005 Release: YES Cleanup: YES Registration Number: 4474

Historical UST:

Facility ID: 6002500 Tank ID: 001 Age: 17

Capacity: Not reported Tank Status: Currently in use

Product: Other

MD LEAD:

Name: Not reported 3 PARK DRIVE Address: City, State, Zip: BALTIMORE, MD 21228

Facility ID: 04010102202910

716758 Cert Number: Unit ID: 1B

Direction Distance

Elevation Site Database(s) **EPA ID Number**

ASHBURTON FILTRATION PLANT (Continued)

1001706942

EDR ID Number

Inspection Date: 11/24/2015 Limit Date: Not reported Not reported Invalid: Company No: 9795

Company Name: **ACCUTEST Lead Inspections**

ReInspection Date:

Option: BALTIMORE, MD 21228

Inspection Category: Full Risk Reduction Standard Dust Inspection

Pass/Fail: Inspector Number: 9796

Hronowski David A Inspector Name: 04010102202910 Property Number:

Name: Not reported 3 PARK DRIVE Address:

BALTIMORE, MD 21228 City, State, Zip: Facility ID: 04010102202910

Cert Number: 817289 Unit ID: 1B Inspection Date: 11/30/2017

Limit Date: Not reported Invalid: Not reported 9795

Company No:

Company Name: **ACCUTEST Lead Inspections**

ReInspection Date:

BALTIMORE, MD 21228 Option:

Inspection Category: Full Risk Reduction Standard Dust Inspection

Pass/Fail: 9796 Inspector Number:

Hronowski David A Inspector Name: Property Number: 04010102202910

Name: Not reported 3 PARK DRIVE Address:

BALTIMORE, MD 21228 City,State,Zip: 04010102202910 Facility ID:

Cert Number: 784229 Unit ID: 1B Inspection Date: 12/07/2016 Limit Date: Not reported Invalid: Not reported

Company No: 9795

Company Name: **ACCUTEST Lead Inspections**

ReInspection Date:

Option: BALTIMORE, MD 21228

Inspection Category: Full Risk Reduction Standard Dust Inspection Ρ

Pass/Fail:

9796 Inspector Number:

Hronowski David A Inspector Name: Property Number: 04010102202910

NPDES:

ASHBURTON WATER TREATMENT PLANT Name:

Address: 3001 DRUID PARK DR BALTIMORE, MD 21215 City, State, Zip:

Facility Status: Issued Bay Trib Number: Not reported

Direction Distance Elevation

n Site Database(s) EPA ID Number

ASHBURTON FILTRATION PLANT (Continued)

1001706942

EDR ID Number

Watershed: Gwynns Falls - 02130905 Permit Type: Municipal (Surface)

Description: Not reported Sic Number: 4941

Permit Number: Not reported Npdes Number: MD0003034 App Description: Not reported Latitude/Longitude: Not reported Last Issued: 09/01/2012 Expiration Date: 08/31/2017 Owner Name: Not reported

Owner Address: Not reported
Owner Address 2: Not reported
Owner City: Not reported
Owner State: Not reported
Owner Zip: Not reported
Received: Not reported

Comments: Not reported

AI ID: 5821

Address 2: Not reported SIC Description: Water Supply SIC Code2: Not reported SIC Description 2: Not reported Not reported SIC Code 3: SIC Description 3: Not reported 08/22/2012 Status Date: State Number: 11DP0681 Approval Issued Date: 08/22/2012 Effective End Date: 08/31/2017

Name: ASHBURTON WATER TREATMENT PLANT

Address: 3001 DRUID PARK DR City,State,Zip: BALTIMORE, MD 21215

Facility Status: Issued
Bay Trib Number: Not reported

Watershed: Gwynns Falls - 02130905 Permit Type: Municipal (Surface)

Description: Not reported

Sic Number: 4941 Permit Number: Not reported MD0003034 Npdes Number: App Description: Not reported Latitude/Longitude: Not reported 09/01/2012 Last Issued: **Expiration Date:** 08/31/2017 Owner Name: Not reported Owner Address: Not reported Owner Address 2: Not reported Owner City: Not reported

Owner State: Not reported
Owner Zip: Not reported
Received: Not reported
Comments: Not reported

AI ID: 5821

Address 2: Not reported SIC Description: Water Supply

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ASHBURTON FILTRATION PLANT (Continued)

1001706942

SIC Code2: Not reported Not reported SIC Description 2: SIC Code 3: Not reported SIC Description 3: Not reported Status Date: 08/22/2012 11DP0681 State Number: Approval Issued Date: 08/22/2012 Effective End Date: 08/31/2017

ASHBURTON WATER TREATMENT PLANT Name:

Address: 3001 DRUID PARK DR City,State,Zip: BALTIMORE, MD 21215

Facility Status: Not reported Bay Trib Number: Not reported Watershed: Not reported Permit Type: Not reported Description: Not reported Sic Number: Not reported Permit Number: Not reported Npdes Number: Not reported App Description: Not reported Latitude/Longitude: Not reported Last Issued: Not reported **Expiration Date:** Not reported Owner Name: Not reported Owner Address: Not reported Not reported Owner Address 2: Owner City: Not reported Owner State: Not reported Owner Zip: Not reported

Issued 510-0555-9-1337 Simple PTC for (1) Emerg. Gen rated @ 1490 HP Comments:

AI ID: Not reported Address 2: Not reported Not reported SIC Description: SIC Code2: Not reported SIC Description 2: Not reported SIC Code 3: Not reported SIC Description 3: Not reported Status Date: Not reported Not reported State Number: Approval Issued Date: Not reported Effective End Date: Not reported

Received:

Last Issued:

Name: ASHBURTON WATER TREATMENT PLANT

Received_June2016

3001 DRUID PARK DRIVE Address: BALTIMORE, MD 21215 City, State, Zip:

Facility Status: Issued Bay Trib Number: Not reported

Watershed: MISSING subj_item_outfall Table

08/01/2020

Permit Type: Municipal (Surface) Description: Not reported Sic Number: 4941 Not reported Permit Number: MD0003034 Npdes Number: App Description: Not reported Not reported Latitude/Longitude:

Direction Distance Elevation

ation Site Database(s) EPA ID Number

ASHBURTON FILTRATION PLANT (Continued)

1001706942

EDR ID Number

Expiration Date: 07/31/2025 Owner Name: Not reported Owner Address: Not reported Owner Address 2: Not reported Owner City: Not reported Owner State: Not reported Not reported Owner Zip: Received: Not reported Comments: Not reported

AI ID: 5821 Address 2: Not reported Water Supply SIC Description: SIC Code2: Not reported SIC Description 2: Not reported SIC Code 3: Not reported SIC Description 3: Not reported 07/31/2020 Status Date: State Number: 17DP0681 Approval Issued Date: 07/31/2020 Effective End Date: 07/31/2025

Name: ASHBURTON WATER TREATMENT PLANT

Address: 3001 DRUID PARK DR City,State,Zip: BALTIMORE, MD 21215

Facility Status: Not reported Not reported Bay Trib Number: Watershed: Not reported Permit Type: Not reported Description: Not reported Sic Number: Not reported Permit Number: Not reported Npdes Number: Not reported App Description: Not reported Latitude/Longitude: Not reported Not reported Last Issued: Not reported **Expiration Date:** Not reported Owner Name: Owner Address: Not reported Owner Address 2: Not reported Owner City: Not reported Owner State: Not reported Not reported Owner Zip:

Received: Received_March2016

Comments: Application received for Simple PTC for (1) Emergency Gen. rated @

1490 HP TR

AI ID: Not reported Address 2: Not reported SIC Description: Not reported SIC Code2: Not reported Not reported SIC Description 2: SIC Code 3: Not reported SIC Description 3: Not reported Status Date: Not reported State Number: Not reported Not reported Approval Issued Date: Effective End Date: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

D19 **BALTIMORE DEPT OF PUBLIC WORKS ASHBURTON FILTRATIO** PA MANIFEST S108850215

N/A

NNE 3001 DRUID PARK DR 1/8-1/4 BALTIMORE, MD 21218

0.137 mi.

721 ft. Site 3 of 6 in cluster D

Relative: Higher

Manifest Details:

2007 Year:

Actual: 354 ft.

000849486JJK Manifest Number: Manifest Type: Not reported Generator EPA Id: MDD985372416 Generator Date: 08/02/2007 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Contact Phone: 301-396-0287 PAD067098822 TSD EPA Id: TSD Date: Not reported

TSD Facility Name: CYCLE CHEM INC 550 INDUSTRIAL DRIVE TSD Facility Address: **LEWISBERRY**

TSD Facility City: TSD Facility State: PΑ

Facility Telephone: Not reported

Page Number: 1 Line Number: Waste Number: D008 Container Number: 4

Container Type: Metal drums, barrels, kegs

Waste Quantity: 1200 Unit: Pounds Handling Code: Not reported TSP EPA Id: Not reported Date TSP Sig: Not reported

2006 Year: Manifest Number: PAH288607 TSD Copy Manifest Type: Generator EPA Id: MDD985372416 Generator Date: 02/17/2006 Mailing Address: Not reported Mailing City, St, Zip: Not reported Contact Name: Not reported Contact Phone: Not reported TSD EPA Id: PAD067098822 TSD Date: Not reported TSD Facility Name: CYCLE CHEM INC TSD Facility Address: 550 INDUSTRIAL DRIVE

TSD Facility City: **LEWISBERRY**

TSD Facility State: PΑ

Facility Telephone: 301-396-0287

Page Number: 1 Line Number: 1 Waste Number: D008 Container Number:

Container Type: Metal drums, barrels, kegs

Waste Quantity: 1500 Unit: Pounds Handling Code: Not reported TSP EPA Id: Not reported

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

BALTIMORE DEPT OF PUBLIC WORKS ASHBURTON FILTRATION PLANT (Continued)

S108850215

Date TSP Sig: Not reported

D20 ADVANCE CORP RCRA-VSQG 1004719459 NNE 3006 DRUID PK DR **ECHO** MDD985397769

1/8-1/4 **BALTIMORE, MD 21215**

0.180 mi.

949 ft. Site 4 of 6 in cluster D

Relative: RCRA-VSQG:

Higher Date Form Received by Agency: 1991-12-03 00:00:00.0

ADVANCE CORP Handler Name: Actual:

Handler Address: 3006 DRUID PK DR 357 ft. Handler City, State, Zip: BALTIMORE, MD 21215 EPA ID: MDD985397769 Contact Name: **DALTON CONKLIN** Contact Address: 3006 DRUID PK DR

> Contact City, State, Zip: BALTIMORE, MD 21215 Contact Telephone: 410-542-8900 Contact Fax: Not reported Not reported Contact Email: Contact Title: Not reported EPA Region: 03 Land Type: Private

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator

Non-Notifier: Not reported Biennial Report Cycle: Not reported Accessibility: Not reported Active Site Indicator: Handler Activities State District Owner: Not reported State District: Not reported Mailing Address: 3006 DRUID PK DR Mailing City, State, Zip: BALTIMORE, MD 21215

Owner Name: DON CONKLIN Owner Type: Private Operator Name: Not reported Operator Type: Not reported

Short-Term Generator Activity: No Importer Activity: No Mixed Waste Generator: No Transporter Activity: No Transfer Facility Activity: No Recycler Activity with Storage: No Small Quantity On-Site Burner Exemption: No Smelting Melting and Refining Furnace Exemption: Nο **Underground Injection Control:** No Off-Site Waste Receipt: No Universal Waste Indicator: No Universal Waste Destination Facility: No Federal Universal Waste: No

Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported Active Site Converter Treatment storage and Disposal Facility: Not reported Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

Active Site State-Reg Handler:

Federal Facility Indicator: Not reported

Hazardous Secondary Material Indicator: NN

Sub-Part K Indicator: Not reported

Commercial TSD Indicator: No

Treatment Storage and Disposal Type: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ADVANCE CORP (Continued)

1004719459

2018 GPRA Permit Baseline: Not on the Baseline 2018 GPRA Renewals Baseline: Not on the Baseline Permit Renewals Workload Universe: Not reported Permit Workload Universe: Not reported Permit Progress Universe: Not reported Post-Closure Workload Universe: Not reported Closure Workload Universe: Not reported

202 GPRA Corrective Action Baseline: No Corrective Action Workload Universe: No Subject to Corrective Action Universe: No Non-TSDFs Where RCRA CA has Been Imposed Universe: No TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No TSDFs Only Subject to CA under Discretionary Auth Universe: No

Corrective Action Priority Ranking: No NCAPS ranking

Environmental Control Indicator: No Institutional Control Indicator: No Human Exposure Controls Indicator: N/A Groundwater Controls Indicator: N/A

Operating TSDF Universe: Not reported Full Enforcement Universe: Not reported

Significant Non-Complier Universe: No Unaddressed Significant Non-Complier Universe: No Addressed Significant Non-Complier Universe: No Significant Non-Complier With a Compliance Schedule Universe: No

Financial Assurance Required: Not reported

Handler Date of Last Change: 2018-01-30 00:00:00.0

Recognized Trader-Importer: No Recognized Trader-Exporter: No Importer of Spent Lead Acid Batteries: No Exporter of Spent Lead Acid Batteries: No Recycler Activity Without Storage: No Manifest Broker: No Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code:

Waste Description: **IGNITABLE WASTE**

Waste Code: D006 CADMIUM Waste Description:

Waste Code: D007 CHROMIUM Waste Description:

Waste Code: D018 Waste Description: BENZENE

D039 Waste Code:

TETRACHLOROETHYLENE Waste Description:

Handler - Owner Operator:

Owner/Operator Indicator: Owner

Owner/Operator Name: DON CONKLIN Legal Status: Private Date Became Current: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ADVANCE CORP (Continued) 1004719459

Date Ended Current: Not reported 3006 DRUID PK DR Owner/Operator Address: Owner/Operator City, State, Zip: BALTIMORE, MD 21215

Owner/Operator Telephone: 410-542-8900 Owner/Operator Telephone Ext: Not reported Owner/Operator Fax: Not reported Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1991-12-03 00:00:00.0

Handler Name: ADVANCE CORP

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator

State District Owner: Not reported

Large Quantity Handler of Universal Waste: No Recognized Trader Importer: No Recognized Trader Exporter: No Spent Lead Acid Battery Importer: No Spent Lead Acid Battery Exporter: No Current Record: Yes

Non Storage Recycler Activity: Not reported Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

ECHO:

1004719459 Envid: 110003528228 Registry ID:

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110003528228

ADVANCE CORP Name: 3006 DRUID PK DR Address: BALTIMORE, MD 21215 City, State, Zip:

D21 **BFC ASSOC** MD OCPCASES \$105509550 NNE 3006 DRUID PARK DR N/A

1/8-1/4 **BALTIMORE, MD 21215**

0.180 mi.

949 ft. Site 5 of 6 in cluster D

OCPCASES: Relative:

Higher Name: **BFC ASSOC**

3006 DRUID PARK DR Address: Actual: City,State,Zip: BALTIMORE, MD 21215 357 ft.

Facility ID: 03-0023BC1

Facility Status/Code: CLOSED/Tank Closure - Motor/Lube Oil

Date Open: 07/08/2002 Date Closed: 10/18/2002 Release: YES

Direction Distance

Elevation Site Database(s) EPA ID Number

BFC ASSOC (Continued) S105509550

Cleanup: YES Registration Number: 14585

Name: ADVANCED MOVERS Address: 3006 DRUID PARK DR City, State, Zip: BALTIMORE, MD 21215

Facility ID: 7-1408BC2
Facility Status/Code: CLOSED/
Date Open: 01/21/1987
Date Closed: Not reported
Release: Not reported
Cleanup: Not reported
Registration Number: 14585

D22 BFC ASSOCIATES MD UST U003866076

NNE 3006 DRUID PARK DRIVE MD Financial Assurance N/A

1/8-1/4 BALTIMORE, MD 21204 0.180 mi.

949 ft. Site 6 of 6 in cluster D

Relative: UST:

 Higher
 Facility Id:
 14585

 Actual:
 Oper Name:
 Not reported

 357 ft.
 Form Name:
 John C. Beers

 Form Title:
 Owners Rep

 Form Date:
 08/13/2002

Form Date: 08/13/20 Owner Id: 9275

Owner:

Owner Name: Elizabeth C. Fischer/Eleanor C. Beers Et Al

Owner Address: 28 Malibu Court
Owner City: Baltimore
Owner State: MD
Owner Zip: 21204

Owner Phone: (410) 339-3959 Owner Contact: John C. Beers

Tanks:

Tank ID:

Tank Status: Permanently Out of Use

Tank Capacity: 6000
Substance Description: Diesel
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 08/01/1977

Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 2

Tank Status: Permanently Out of Use

Tank Capacity: 4000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 08/01/1977

Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

EDR ID Number

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BFC ASSOCIATES (Continued)

U003866076

MD Financial Assurance 2:

BFC ASSOCIATES Name: Address: 3006 DRUID PARK DRIVE City, State, Zip: BALTIMORE, MD 21204

Region: Facility ID: 14585 Self Insured: False Insurance: False Risk Retention Group: False Guarantee: False Surety Bonds: False Letter of Credit: False False State Fund: Other Finance: False Finacnce Comments: Not reported FR Not Listed: False

CLASSIC CLEANERS EDR Hist Cleaner F23 1009193824 NW 3020 LIBERTY HEIGHTS AVE N/A

1/8-1/4 **BALTIMORE, MD**

0.187 mi.

985 ft. Site 1 of 4 in cluster E Relative: **EDR Hist Cleaner**

Lower

Year: Name: Type: Actual:

CLEANERS AND DYERS 1964 **CLASSIC CLEANERS** 321 ft. 1969 COHEN HARRY B & GEE M Drycleaning Plants, Except Rugs 1970 COHEN HARRY B & GEE M Drycleaning Plants, Except Rugs 1971 COHEN HARRY B & GEE M Drycleaning Plants, Except Rugs 1972 COHEN HARRY B & GEE M Drycleaning Plants, Except Rugs Drycleaning Plants, Except Rugs 1988 ASHBURTON VALET Drycleaning Plants, Except Rugs 1989 **ASHBURTON VALET** 1990 **ASHBURTON VALET** Drycleaning Plants, Except Rugs **ASHBURTON VALET** Drycleaning Plants, Except Rugs 1991

F24 **NEIGHBORCARE - LIBERTY RCRA-VSQG** 1014472482 East **2600 LIBERTY HEIGHTS AVE** MDR000524783

1/8-1/4 **BALTIMORE, MD 21215**

0.202 mi.

Relative:

1065 ft. Site 1 of 4 in cluster F

RCRA-VSQG:

Lower Date Form Received by Agency:

2011-03-04 00:00:00.0

NEIGHBORCARE - LIBERTY Handler Name: Actual: 291 ft.

Handler Address: 2600 LIBERTY HEIGHTS AVE Handler City, State, Zip: BALTIMORE, MD 21215

EPA ID: MDR000524783 Contact Name: STEVE NEAL

Contact Address: LIBERTY HEIGHTS AVE Contact City, State, Zip: BALTIMORE, MD 21215

Contact Telephone: 410-383-1092 Contact Fax: 410-383-1000 Contact Email: Not reported Contact Title: PHARMACY MGR

EPA Region: 03

MAP FINDINGS Map ID Direction

Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

NEIGHBORCARE - LIBERTY (Continued)

Federal Universal Waste:

1014472482

Land Type: Private

Conditionally Exempt Small Quantity Generator Federal Waste Generator Description:

Non-Notifier: Not reported Biennial Report Cycle: Not reported Accessibility: Not reported Active Site Indicator: Handler Activities State District Owner: Not reported State District: Not reported

LIBERTY HEIGHTS AVE Mailing Address: Mailing City, State, Zip: BALTIMORE, MD 21215

Owner Name: **BON SECOURS**

Owner Type: Private

Operator Name: PROFESSIONAL PHARMACY SERVICES

Nο

Operator Type: Short-Term Generator Activity: No Importer Activity: No Mixed Waste Generator: No Transporter Activity: No Transfer Facility Activity: No Recycler Activity with Storage: No Small Quantity On-Site Burner Exemption: No Smelting Melting and Refining Furnace Exemption: No **Underground Injection Control:** No Off-Site Waste Receipt: No Universal Waste Indicator: No Universal Waste Destination Facility: Nο

Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported Active Site Converter Treatment storage and Disposal Facility: Not reported Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

Active Site State-Reg Handler:

Federal Facility Indicator: Not reported

Hazardous Secondary Material Indicator: NN

Sub-Part K Indicator: Not reported Commercial TSD Indicator: No

Treatment Storage and Disposal Type: Not reported 2018 GPRA Permit Baseline: Not on the Baseline 2018 GPRA Renewals Baseline: Not on the Baseline Permit Renewals Workload Universe: Not reported Permit Workload Universe: Not reported Permit Progress Universe: Not reported Post-Closure Workload Universe: Not reported Closure Workload Universe: Not reported

202 GPRA Corrective Action Baseline: No Corrective Action Workload Universe: No Subject to Corrective Action Universe: No Non-TSDFs Where RCRA CA has Been Imposed Universe: No TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No TSDFs Only Subject to CA under Discretionary Auth Universe: No

Corrective Action Priority Ranking: No NCAPS ranking

Environmental Control Indicator: No Institutional Control Indicator: No Human Exposure Controls Indicator: N/A Groundwater Controls Indicator: N/A Operating TSDF Universe: Not reported Not reported Full Enforcement Universe:

Significant Non-Complier Universe: No

Direction Distance

Elevation Site Database(s) EPA ID Number

NEIGHBORCARE - LIBERTY (Continued)

1014472482

EDR ID Number

Unaddressed Significant Non-Complier Universe: No Addressed Significant Non-Complier Universe: No Significant Non-Complier With a Compliance Schedule Universe: No

Financial Assurance Required: Not reported

Handler Date of Last Change: 2011-04-16 10:33:28.0

Recognized Trader-Importer:

Recognized Trader-Exporter:

No
Importer of Spent Lead Acid Batteries:

No
Exporter of Spent Lead Acid Batteries:

No

Recycler Activity Without Storage: Not reported Manifest Broker: Not reported

Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: P001

Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS,

WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, &

SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: U010

Waste Description: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE,

6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET

HOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR)

MITOMYCIN C

Handler - Owner Operator:

Owner/Operator Indicator: Operator

Owner/Operator Name: PROFESSIONAL PHARMACY SERVICES

Legal Status: Private

Date Became Current: 1996-11-01 00:00:00.

Date Ended Current:

Owner/Operator Address:

Owner/Operator City,State,Zip:

Owner/Operator Telephone:

Owner/Operator Telephone Ext:

Owner/Operator Telephone Ext:

Owner/Operator Fax:

Owner/Operator Fax:

Owner/Operator Email:

Not reported

Not reported

Owner/Operator Indicator: Owner

Owner/Operator Name: BON SECOURS

Legal Status: Private

Date Became Current: 1981-01-01 00:00:00.

Date Ended Current: Not reported

Owner/Operator Address: 2000 W BALTIMORE ST Owner/Operator City, State, Zip: BALTIMORE, MD 21223

Owner/Operator Telephone:

Owner/Operator Telephone Ext:

Owner/Operator Fax:

Owner/Operator Fax:

Owner/Operator Email:

Not reported

Not reported

Not reported

Historic Generators:

Receive Date: 2011-03-04 00:00:00.0

Handler Name: NEIGHBORCARE - LIBERTY

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator

State District Owner: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NEIGHBORCARE - LIBERTY (Continued)

1014472482

ECHO

Large Quantity Handler of Universal Waste: No Recognized Trader Importer: No Recognized Trader Exporter: No Spent Lead Acid Battery Importer: No Spent Lead Acid Battery Exporter: No Current Record: Yes

Non Storage Recycler Activity: Not reported Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 44611

NAICS Description: PHARMACIES AND DRUG STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

F25 **BON SECOURS LIBERTY HOSP** RCRA-SQG 1001025792 **2600 LIBERTY HEIGHTS AVE US AIRS East** MDR000004416

1/8-1/4 **BALTIMORE, MD 21215** 0.202 mi.

1065 ft. Site 2 of 4 in cluster F

Relative: RCRA-SQG:

Lower Date Form Received by Agency: 1995-05-25 00:00:00.0

Handler Name: BON SECOURS LIBERTY HOSP Actual:

Handler Address: 2600 LIBERTY HEIGHTS AVE 291 ft.

Handler City, State, Zip: BALTIMORE, MD 21215 EPA ID: MDR000004416 Contact Name: **GEORGE SCRUGGS**

2600 LIBERTY HEIGHTS AVE Contact Address: Contact City, State, Zip: BALTIMORE, MD 21215

Contact Telephone: 410-383-4128 Contact Fax: Not reported Contact Email: Not reported Contact Title: Not reported EPA Region: 03

Private Land Type:

Federal Waste Generator Description: **Small Quantity Generator** Non-Notifier: Not reported

Biennial Report Cycle: Not reported Accessibility: Not reported Active Site Indicator: Handler Activities State District Owner: Not reported State District: Not reported

Mailing Address: 2600 LIBERTY HEIGHTS AVE Mailing City, State, Zip: BALTIMORE, MD 21215

Owner Name: Not reported Owner Type: Not reported Operator Name: Not reported Operator Type: Not reported

Short-Term Generator Activity: No Importer Activity: No

Map ID MAP FINDINGS
Direction

Distance Elevation Site

Site Database(s) EPA ID Number

BON SECOURS LIBERTY HOSP (Continued)

1001025792

EDR ID Number

Mixed Waste Generator: No Transporter Activity: No Transfer Facility Activity: Nο Recycler Activity with Storage: No Small Quantity On-Site Burner Exemption: No Smelting Melting and Refining Furnace Exemption: No **Underground Injection Control:** No Off-Site Waste Receipt: Nο Universal Waste Indicator: No Universal Waste Destination Facility: No Federal Universal Waste: No

Active Site Fed-Reg Treatment Storage and Disposal Facility:
Active Site Converter Treatment storage and Disposal Facility:
Active Site State-Reg Treatment Storage and Disposal Facility:
Not reported
Not reported

Active Site State-Reg Handler: -

Federal Facility Indicator: Not reported

Hazardous Secondary Material Indicator: NN

Sub-Part K Indicator: Not reported

Commercial TSD Indicator: No

Treatment Storage and Disposal Type:

2018 GPRA Permit Baseline:

2018 GPRA Renewals Baseline:

Permit Renewals Workload Universe:

Not reported

Not reported

Permit Renewals Workload Universe:

Permit Workload Universe:

Permit Progress Universe:

Post-Closure Workload Universe:

Closure Workload Universe:

Not reported

Not reported

Not reported

Not reported

Not reported

202 GPRA Corrective Action Baseline:

Corrective Action Workload Universe:

No Subject to Corrective Action Universe:

No Non-TSDFs Where RCRA CA has Been Imposed Universe:

TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:

No TSDFs Only Subject to CA under Discretionary Auth Universe:

No

Corrective Action Priority Ranking: No NCAPS ranking

Environmental Control Indicator:

Institutional Control Indicator:

Human Exposure Controls Indicator:

Groundwater Controls Indicator:

N/A

Operating TSDE Universe:

Not received.

Operating TSDF Universe:

Full Enforcement Universe:

Not reported
Not reported
Not reported

Significant Non-Complier Universe: No Unaddressed Significant Non-Complier Universe: No Addressed Significant Non-Complier Universe: No Significant Non-Complier With a Compliance Schedule Universe: No

Financial Assurance Required:

Not reported

Handler Date of Last Change: 2018-01-30 00:00:00.0

Recognized Trader-Importer:

Recognized Trader-Exporter:

No
Importer of Spent Lead Acid Batteries:

No
Exporter of Spent Lead Acid Batteries:

No
Recycler Activity Without Storage:

No
Manifest Broker:

No
Sub-Part P Indicator:

No

Hazardous Waste Summary:

Waste Code: D000

Direction Distance

Elevation Site Database(s) EPA ID Number

BON SECOURS LIBERTY HOSP (Continued)

Waste Description: Not Defined

Waste Code: D001

Waste Description: IGNITABLE WASTE

Waste Code: D002

Waste Description: CORROSIVE WASTE

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D009
Waste Description: MERCURY

Historic Generators:

Receive Date: 1995-05-25 00:00:00.0

Handler Name: BON SECOURS LIBERTY HOSP

Federal Waste Generator Description: Small Quantity Generator

State District Owner: Not reported

Large Quantity Handler of Universal Waste:

Recognized Trader Importer:

No
Recognized Trader Exporter:

No
Spent Lead Acid Battery Importer:

No
Spent Lead Acid Battery Exporter:

No
Current Record:

Yes

Non Storage Recycler Activity: Not reported Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

US AIRS MINOR:

Envid: 1001025792

Region Code: 03

Programmatic ID: AIR MD0000002451000172

Facility Registry ID: 110001772261
D and B Number: Not reported
Primary SIC Code: 8062
NAICS Code: 622110
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 03

Programmatic ID: AIR MD0000002451000172

Facility Registry ID: 110001772261

EDR ID Number

1001025792

Direction Distance

Elevation Site Database(s) EPA ID Number

BON SECOURS LIBERTY HOSP (Continued)

1001025792

EDR ID Number

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1983-01-18 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR MD0000002451000172

Facility Registry ID: 110001772261

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1984-11-30 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR MD0000002451000172

Facility Registry ID: 110001772261

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1985-02-28 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR MD0000002451000172

Facility Registry ID: 110001772261

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1986-01-22 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR MD0000002451000172

Facility Registry ID: 110001772261

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1986-12-19 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

BON SECOURS LIBERTY HOSP (Continued)

1001025792

EDR ID Number

Region Code: 03

Programmatic ID: AIR MD0000002451000172

Facility Registry ID: 110001772261

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1987-10-22 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR MD0000002451000172

Facility Registry ID: 110001772261

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1988-11-07 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR MD0000002451000172

Facility Registry ID: 110001772261

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1990-02-14 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR MD0000002451000172

Facility Registry ID: 110001772261

Air Operating Status Code: OPR
Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1990-11-07 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Activity Status: Not reported

Region Code: 03

Programmatic ID: AIR MD0000002451000172

Facility Registry ID: 110001772261

Air Operating Status Code: OPR Default Air Classification Code: MIN

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Activity Date: 1991-02-04 00:00:00

Activity Status Date: Not reported

Activity Group: Compliance Monitoring

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BON SECOURS LIBERTY HOSP (Continued)

1001025792

Activity Type: Inspection/Evaluation Not reported Activity Status:

ECHO:

Envid: 1001025792 Registry ID: 110001772261

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001772261

Name: LIBERTY MEDICAL CTR. Address: 2600 LIBERTY HTS. AV City, State, Zip: BALTIMORE, MD 21215

F26 **BON SECOURS-LIBERTY** MD UST U004012950 **MD Financial Assurance East 2600 LIBERTY HEIGHTS AVENUE** N/A

1/8-1/4 **BALTIMORE, MD 21215**

0.202 mi.

1065 ft. Site 3 of 4 in cluster F

Relative: UST:

Lower Facility Id: 536

Oper Name: Robert Gregory Actual: Form Name: Robert Gregory, Jr. 291 ft. **Executive Director** Form Title: Form Date: 11/13/1996

Owner Id: 415

Owner:

Owner Name: Liberty Medical Center 2600 Liberty Heights Avenue Owner Address:

Owner City: Baltimore Owner State: MD Owner Zip: 21215

Owner Phone: (410) 383-4000 Owner Contact: Robert Gregory, Jr.

Tanks:

Tank ID:

Tank Status: **Permanently Out of Use**

Tank Capacity: 2500 Substance Description: Diesel Tank Compartment: False Compartment Compartment: Α

Date Intalled: 01/01/1970

Asphalt Coated or Bare Steel Tank Material Desc: Pipe Material Desc: Bare or Galvanized Steel

MD Financial Assurance 2:

Name: **BON SECOURS-LIBERTY**

Address: 2600 LIBERTY HEIGHTS AVENUE

BALTIMORE, MD 21215 City,State,Zip:

Region: Facility ID: 536 Self Insured: False Insurance: False Risk Retention Group: False Guarantee: False

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BON SECOURS-LIBERTY (Continued)

U004012950

Surety Bonds: False Letter of Credit: False False State Fund: Other Finance: False Finacnce Comments: Not reported FR Not Listed: False

F27 LIBERTY MEDICAL CENTER MD OCPCASES S104597274 **East 2600 LIBERTY HEIGHTS AVE** N/A

1/8-1/4 0.202 mi.

1065 ft. Site 4 of 4 in cluster F

BALTIMORE, MD 21215

Relative: OCPCASES: Lower

LIBERTY MEDICAL CENTER Name: Address: 2600 LIBERTY HEIGHTS AVE Actual: City,State,Zip: BALTIMORE, MD 21215 291 ft.

> Facility ID: 99-2538BC2

Facility Status/Code: CLOSED/Tank Closure - Motor/Lube Oil

Date Open: 04/19/1999 Date Closed: 07/09/1999 Release: YES Cleanup: YES Registration Number: 536

LIBERTY MEDICAL CENTER Name: Address: 2600 LIBERTY HEIGHTS AVE City, State, Zip: BALTIMORE, MD 21215

94-2774BC2 Facility ID: Facility Status/Code: CLOSED/ Date Open: 04/21/1994 Date Closed: Not reported Not reported Release: Cleanup: Not reported

Registration Number: 536

Name: LIBERTY MEDICAL CENTER Address: 2600 LIBERTY HEIGHTS AVE City, State, Zip: BALTIMORE, MD 21215

Facility ID: 94-2774BC2 Facility Status/Code: CLOSED/ Date Open: 04/21/1994 Date Closed: Not reported Release: Not reported Cleanup: Not reported

Registration Number: 536

LIBERTY MEDICAL CENTER Name: Address: 2600 LIBERTY HEIGHTS AVE City,State,Zip: BALTIMORE, MD 21215

Facility ID: 95-1616BC2

Facility Status/Code: CLOSED/Tank Closure - Motor/Lube Oil

01/10/1995 Date Open: Date Closed: 03/22/1995 Release: Not reported Cleanup: Not reported

Registration Number: 536

Direction Distance

Distance EDR ID Number
Elevation Site EDR ID Number

E28 MT. ZION UNITED METHODIST CHURCH MD HIST UST 1001700711
NW 3050 LIBERTY HEIGHTS AVE N/A

3050 LIBERTY HEIGHTS AVE N/A
BALTIMORE, MD 21215

1/8-1/4 B/ 0.203 mi.

1071 ft. Site 2 of 4 in cluster E

Relative: Historical UST:

 Lower
 Facility ID:
 6002125

 Actual:
 Tank ID:
 001

 317 ft.
 Age:
 21

 Capacity:
 2,000

Tank Status: Currently in use
Product: Heating Oil

E29 MT. ZION UNITED METHODIST CHURCH MD UST 1002934499

NW 3050 LIBERTY HEIGHTS AVENUE MD Financial Assurance N/A

1/8-1/4 BALTIMORE, MD 21215

0.203 mi.

1071 ft. Site 3 of 4 in cluster E

Relative: UST:

Lower Facility Id:

Actual: Oper Name: Russell M. Young, Jr.

317 ft. Form Name: Russell M. Young Jr.

Form Title: Trustee
Form Date: 06/19/1997
Owner Id: 1395

Owner:

Owner Name: Mt. Zion United Methodist Church
Owner Address: 3050 Liberty Heights Avenue

2082

Owner City: Baltimore
Owner State: MD
Owner Zip: 21215
Owner Phone: (410) 664-7490

Owner Phone: (410) 664-7490
Owner Contact: Russell M. Young Jr.

Tanks:

Tank ID: 1

Tank Status: Currently In Use

Tank Capacity: 2000
Substance Description: Heating Oil
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 01/01/1976

Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

MD Financial Assurance 2:

Name: MT. ZION UNITED METHODIST CHURCH

Address: 3050 LIBERTY HEIGHTS AVENUE

City, State, Zip: BALTIMORE, MD 21215

Region: 2
Facility ID: 2082
Self Insured: False
Insurance: False
Risk Retention Group: False
Guarantee: False

Direction Distance

Elevation Site Database(s) **EPA ID Number**

MT. ZION UNITED METHODIST CHURCH (Continued)

1002934499

EDR ID Number

Surety Bonds: False Letter of Credit: False False State Fund: Other Finance: False Finacnce Comments: Not reported FR Not Listed: False

E30 **ASHBURTON PUMPING STATION** RCRA-SQG 1001228582 WNW **3051 LIBERTY HEIGHTS AVE** MDR000521104

1/8-1/4 **BALTIMORE, MD 21215**

0.210 mi.

1109 ft. Site 4 of 4 in cluster E

Relative: RCRA-SQG:

Lower Date Form Received by Agency: 1998-09-25 00:00:00.0

Handler Name: ASHBURTON PUMPING STATION Actual:

3051 LIBERTY HEIGHTS AVE Handler Address: 325 ft.

Handler City, State, Zip: BALTIMORE, MD 21215

EPA ID: MDR000521104 Contact Name: MARTIN FOX

Contact Address: 3001 DRUID PARK DR Contact City, State, Zip: BALTIMORE, MD 21215-7897

Contact Telephone: 410-396-0360 Contact Fax: Not reported Contact Email: Not reported Contact Title: Not reported EPA Region: 03

Land Type: Municipal Federal Waste Generator Description: **Small Quantity Generator**

Non-Notifier: Not reported Biennial Report Cycle: Not reported Accessibility: Not reported Active Site Indicator: Handler Activities State District Owner: Not reported State District: Not reported

Mailing Address: 3051 LIBERTY HEIGHTS AVE Mailing City, State, Zip: BALTIMORE, MD 21215

MAYOR & CITY COUNCIL OF BALTIMORE Owner Name:

No

Owner Type: Municipal Operator Name: Not reported Operator Type: Not reported

Short-Term Generator Activity: Importer Activity: No Mixed Waste Generator: No Transporter Activity: No Transfer Facility Activity: No Recycler Activity with Storage: No Small Quantity On-Site Burner Exemption: No Smelting Melting and Refining Furnace Exemption: No **Underground Injection Control:** No Off-Site Waste Receipt: No Universal Waste Indicator: No Universal Waste Destination Facility: Nο Federal Universal Waste: No

Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported Active Site Converter Treatment storage and Disposal Facility: Not reported Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

Active Site State-Reg Handler:

Distance EDR ID Number
Elevation Site EDR ID Number
Database(s) EPA ID Number

ASHBURTON PUMPING STATION (Continued)

1001228582

Federal Facility Indicator: Not reported

Hazardous Secondary Material Indicator: NN

Sub-Part K Indicator: Not reported

Commercial TSD Indicator: No

Treatment Storage and Disposal Type: Not reported 2018 GPRA Permit Baseline: Not on the Baseline Not on the Baseline 2018 GPRA Renewals Baseline: Permit Renewals Workload Universe: Not reported Permit Workload Universe: Not reported Permit Progress Universe: Not reported Post-Closure Workload Universe: Not reported Closure Workload Universe: Not reported

202 GPRA Corrective Action Baseline:

Corrective Action Workload Universe:

No Subject to Corrective Action Universe:

No Non-TSDFs Where RCRA CA has Been Imposed Universe:

TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:

No TSDFs Only Subject to CA under Discretionary Auth Universe:

No

Corrective Action Priority Ranking: No NCAPS ranking

Environmental Control Indicator:

Institutional Control Indicator:

Human Exposure Controls Indicator:

N/A

Groundwater Controls Indicator:

N/A

Operating TSDF Universe:

Full Enforcement Universe:

Not reported

Not reported

Significant Non-Complier Universe: No Unaddressed Significant Non-Complier Universe: No Addressed Significant Non-Complier Universe: No Significant Non-Complier With a Compliance Schedule Universe: No

Financial Assurance Required: Not reported

Handler Date of Last Change: 2018-01-30 00:00:00.0

Recognized Trader-Importer:

Recognized Trader-Exporter:

No
Importer of Spent Lead Acid Batteries:

No
Exporter of Spent Lead Acid Batteries:

No
Recycler Activity Without Storage:

No
Manifest Broker:

No
Sub-Part P Indicator:

No

Hazardous Waste Summary:

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator: Owner

Owner/Operator Name: MAYOR & CITY COUNCIL OF BALTIMORE

Legal Status:MunicipalDate Became Current:Not reportedDate Ended Current:Not reported

Owner/Operator Address: 3001 DRUID PARK DR
Owner/Operator City, State, Zip: BALTIMORE, MD 21215-7897

Owner/Operator Telephone: 410-396-0360
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ASHBURTON PUMPING STATION (Continued)

1001228582

Historic Generators:

1998-09-25 00:00:00.0 Receive Date:

ASHBURTON PUMPING STATION Handler Name:

Federal Waste Generator Description: Small Quantity Generator

State District Owner: Not reported

Large Quantity Handler of Universal Waste: No Recognized Trader Importer: No Recognized Trader Exporter: No Spent Lead Acid Battery Importer: No Spent Lead Acid Battery Exporter: No Current Record: Yes

Non Storage Recycler Activity: Not reported Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

B-B LIGHTING SUPPLY INC. AND RECYCLING DEPOT RCRA-VSQG 1018156975 31

NE 2901 DRUID PARK DR, STE A110

1/8-1/4 **BALTIMORE CITY, MD 21215**

0.216 mi. 1141 ft.

Relative: RCRA-VSQG:

Higher 2014-07-10 00:00:00.0 Date Form Received by Agency: B-B LIGHTING SUPPLY INC. AND RECYCLING DEPOT Handler Name:

Actual: Handler Address: 2901 DRUID PARK DR, STE A110 369 ft.

Handler City, State, Zip: BALTIMORE CITY, MD 21215 EPA ID: MDR000526632 **DOUGLAS DASHIELD** Contact Name: PO BOX 68084 Contact Address: Contact City, State, Zip: BALTIMORE, MD 21215

Contact Telephone: 410-523-7300 Contact Fax: Not reported

Contact Email: DDASHIELD@BNBLIGHTINGSUPPLY.COM

MANAGER Contact Title: EPA Region: 03 Land Type: Private

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator

Non-Notifier: Not reported Biennial Report Cycle: Not reported Accessibility: Not reported Active Site Indicator: Handler Activities State District Owner: Not reported State District: Not reported Mailing Address: PO BOX 68084

Mailing City, State, Zip: BALTIMORE, MD 21215

BALTIMORE DEVELOPMENT CORPORATION Owner Name:

Owner Type: Municipal ECHO MDR000526632

Map ID MAP FINDINGS
Direction

Distance EDR ID Number
Elevation Site EDR ID Number
Database(s) EPA ID Number

B-B LIGHTING SUPPLY INC. AND RECYCLING DEPOT (Continued)

1018156975

Operator Name: SHARON BRADFORD

Operator Type: Private Short-Term Generator Activity: No Importer Activity: No Mixed Waste Generator: Yes Transporter Activity: Yes Transfer Facility Activity: No Recycler Activity with Storage: Yes Small Quantity On-Site Burner Exemption: No Smelting Melting and Refining Furnace Exemption: No Underground Injection Control: Nο Off-Site Waste Receipt: No Universal Waste Indicator: No Universal Waste Destination Facility: No Federal Universal Waste: No

Active Site Fed-Reg Treatment Storage and Disposal Facility:
Active Site Converter Treatment storage and Disposal Facility:
Active Site State-Reg Treatment Storage and Disposal Facility:
Not reported
Not reported

Active Site State-Reg Handler: --

Federal Facility Indicator: Not reported

Hazardous Secondary Material Indicator: NN

Sub-Part K Indicator: Not reported Commercial TSD Indicator: No Treatment Storage and Disposal Type: Not reported 2018 GPRA Permit Baseline: Not on the Baseline 2018 GPRA Renewals Baseline: Not on the Baseline Permit Renewals Workload Universe: Not reported Permit Workload Universe: Not reported Permit Progress Universe: Not reported Post-Closure Workload Universe: Not reported Closure Workload Universe: Not reported

202 GPRA Corrective Action Baseline:

Corrective Action Workload Universe:

No Subject to Corrective Action Universe:

No Non-TSDFs Where RCRA CA has Been Imposed Universe:

TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:

TSDFs Only Subject to CA under Discretionary Auth Universe:

No

Corrective Action Priority Ranking: No NCAPS ranking

Environmental Control Indicator:

Institutional Control Indicator:

Human Exposure Controls Indicator:

N/A

Groundwater Controls Indicator:

N/A

Operating TSDE Universe:

Operating TSDF Universe:

Full Enforcement Universe:

Not reported

Not reported

Significant Non-Complier Universe: No Unaddressed Significant Non-Complier Universe: No Addressed Significant Non-Complier Universe: No Significant Non-Complier With a Compliance Schedule Universe: No

Financial Assurance Required: Not reported

Handler Date of Last Change: 2015-11-23 15:58:36.0

Recognized Trader-Importer:

Recognized Trader-Exporter:

No
Importer of Spent Lead Acid Batteries:

No
Exporter of Spent Lead Acid Batteries:

No

Recycler Activity Without Storage:

Mot reported
Manifest Broker:

Not reported

Sub-Part P Indicator: No

Distance

Elevation Site Database(s) EPA ID Number

B-B LIGHTING SUPPLY INC. AND RECYCLING DEPOT (Continued)

1018156975

EDR ID Number

Hazardous Waste Summary:

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Handler - Owner Operator:

Owner/Operator Indicator: Operator

Owner/Operator Name: SHARON BRADFORD

Legal Status: Private

Date Became Current: 1987-01-01 00:00:00.

Date Ended Current: Not reported

Owner/Operator Address: PO BOX 68084

Owner/Operator City, State, Zip: BALTIMORE, MD 21215

Owner/Operator Telephone:

Owner/Operator Telephone Ext:

Owner/Operator Fax:

Owner/Operator Email:

Not reported

Not reported

Not reported

Owner/Operator Indicator: Owner

Owner/Operator Name: BALTIMORE DEVELOPMENT CORPORATION

Legal Status: Municipal

Date Became Current: 1980-01-01 00:00:00.

Date Ended Current: Not reported

Owner/Operator Address: 2901 DRUID PARK DR Owner/Operator City, State, Zip: BALTIMORE, MD 21215

Owner/Operator Telephone:

Owner/Operator Telephone Ext:

Owner/Operator Fax:

Owner/Operator Email:

Not reported

Not reported

Not reported

Historic Generators:

Receive Date: 2014-07-10 00:00:00.00
Handler Name: B-B LIGHTING SUPPLY INC. AND RECYCLING DEPOT

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator

State District Owner: Not reported

Recognized Trader Importer:

Recognized Trader Exporter:

No
Recognized Trader Exporter:

No
Spent Lead Acid Battery Importer:

No
Current Record:

No
State District No
Spent Lead Acid Battery Exporter:

No
Current Record:

No
Spent Lead Acid Battery Exporter:

No
Current Record:

No
Spent Lead Acid Battery Exporter:

No
Current Record:

Non Storage Recycler Activity:

Electronic Manifest Broker:

Not reported

Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 423610

NAICS Description: ELECTRICAL APPARATUS AND EQUIPMENT, WIRING SUPPLIES, AND RELATED

EQUIPMENT MERCHANT WHOLESALERS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

B-B LIGHTING SUPPLY INC. AND RECYCLING DEPOT (Continued)

1018156975

Evaluation Action Summary:

No Evaluations Found Evaluations:

ECHO:

1018156975 Envid: Registry ID: 110066957412

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110066957412 Name: B-B LIGHTING SUPPLY INC. AND RECYCLING DEPOT

2901 DRUID PARK DR, STE A110 Address: BALTIMORE CITY, MD 21215 City, State, Zip:

G32 **DIETZ & WATSON** MD MANIFEST S121870635 N/A

ENE 3330 HENRY G. PARKS JR CIRCLE

BALTIMORE, MD 21215 1/8-1/4

0.239 mi.

Site 1 of 2 in cluster G 1262 ft.

MANIFEST: Relative: Lower EPAID: MDP000019246 Name: **DIETZ & WATSON**

Actual: 3330 HENRY G. PARKS JR CIRCLE Address: 332 ft.

City,State,Zip: BALTIMORE, MD 21215

Manifest Number: 013789812JJK

Transporter 1: ACE ENVIRONMENTAL SERVICES LLC

Transporter 2: Not reported Generator Certifier: MATT LYNCH Date Shipped Out: 06/26/2017 Destination Facility Certifier: STEPH MECKLEY Date Arrived at Destingation Facility: 06/26/2017 Quantity: 165 Unit: Gallons

EPAID: MDP000019246 Name: **DIETZ & WATSON**

Address: 3330 HENRY G. PARKS JR CIRCLE

City,State,Zip: BALTIMORE, MD 21215

Manifest Number: 013789812JJK

Transporter 1: ACE ENVIRONMENTAL SERVICES LLC

Transporter 2: Not reported Generator Certifier: MATT LYNCH Date Shipped Out: 06/26/2017 **Destination Facility Certifier:** STEPH MECKLEY Date Arrived at Destingation Facility: 06/26/2017

Quantity: 2515 Unit: Pounds

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

G33 **DIETZ & WATSON** MD MANIFEST S121870526 **ENE**

3330 HENRY G PARK JR CIRCLE N/A

BALTIMORE, MD 21215

1/8-1/4 0.239 mi.

1262 ft. Site 2 of 2 in cluster G

Relative: MANIFEST: Lower

MDP000019108 EPAID: Name: **DIETZ & WATSON** Actual:

3330 HENRY G PARK JR CIRCLE Address: 332 ft.

City,State,Zip: BALTIMORE, MD 21215

Manifest Number: 014946433JJK

Transporter 1: AEG ENVIRONMENTAL PRODUCTS & SERVICES

Transporter 2: Not reported Generator Certifier: EDWARD HALL Date Shipped Out: 12/18/2016 **Destination Facility Certifier:** ANNIE E. HIED Date Arrived at Destingation Facility: 12/16/2016

Quantity: 50 Unit: Gallons

MD OCPCASES

GWYNNS FALLS ELEMENTARY - P.S. #60 34 South 2700 GWYNNS FALLS PARKWAY

1/4-1/2 BALTIMORE, MD 21216

0.259 mi.

MD UST MD ASBESTOS MD Financial Assurance

Relative: OCPCASES:

1365 ft.

Lower Name: **GWYNN FALLS ELEMENTARY SCHOOL**

Address: 2700 GWYNNS FALLS PKWY Actual: City,State,Zip: BALTIMORE, MD 21216 285 ft.

03-1718BC1 Facility ID:

Facility Status/Code: CLOSED/Tank Closure - Commercial Heating Oil

Date Open: 04/29/2003 Date Closed: 08/27/2003 Release: YES Cleanup: NO Registration Number: 6219

UST:

Facility Id: 6219 Oper Name: Not reported Form Name: Dennis Stevens Form Title: **Energy Specialist** Form Date: 04/23/2002 Owner Id: 1209

Owner:

Owner Name: Baltimore City Public Schools Owner Address: 200 East North Ave., Room 407A

Owner City: **Baltimore** Owner State: MD Owner Zip: 21202 (410) 396-8665 Owner Phone:

Owner Contact: Blaine Lipski

Tanks:

Tank ID:

Tank Status: **Permanently Out of Use** 1002933174

N/A

Map ID MAP FINDINGS
Direction

Distance Elevation Site

Site Database(s) EPA ID Number

GWYNNS FALLS ELEMENTARY - P.S. #60 (Continued)

1002933174

EDR ID Number

Tank Capacity: 10000
Substance Description: Heating Oil
Tank Compartment: False
Compartment Compartment: A
Date Intalled: 01/01/1957

Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

ASBESTOS:

Name: GWYNNS FALLS ES #60
Address: 2700 GWYNNS FALLS PKWY
City,State,Zip: BALTIMORE, MD 21216-

2020 Removal/Encapsulation/Demolition Start Date: 02/26/2020 Removal/Encapsulation/Demolition End Date: 02/26/2020 Days of the week worked: Not reported Volume off facility Component (Cat I) not removed: 0 Cubic Yards Volume off facility Component (Cat I) not removed: 0 Cubic Yards Volume off facility Component (Cat II) not removed: 0 Cubic Yards 1700-200 Hours worked in a day: Original or resubmit: O Origina Number of floors in building:

Pipe Cat I not removed:

Pipe Cat II not removed:

O Linear Feet
O Linear Feet
Type of Building:

Contractor name:

Length of project:

O Linear Feet
ALLEC LLC
Not reported

Type of project from notification form: R-S Renovation (State)

Volume off facility component Cat I non friable removed: 0 Cubic Yards Pipes Cat I non friable removed: 0 Linear Feet Surface area Cat I non friable removed: 0 Square Feet Volume off facility component, Cat II non friable removed: 0 Cubic Yards Pipe Cat II non friable removed: 0 Linear Feet 0 Square Feet Surface area Cat II non friable removed: Volume of facility component RACM removed: 0 Cubic Yards Pipes RACM removed: 2 Linear Feet

Surface area RACM removed:

Surface area Cat I not removed:

Surface area Cat II not removed:

Surface area Cat II not removed:

Surface area Cat II not removed:

Site description (found in Section II of the notification):

Owner of the site:

True

Landfill asbestos will be sent to:TrueTransporter of the waste:TrueFacility off components units:Not reported

Pipes unit of measure: Linear Feet Linear Feet

Surface area unit of measure: Square Feet Received Date: 03/02/2020

Owner name: Baltimore City Public Schools

Owner contact:
Owner street address:
Owner street address 2:
Owner city:
Owner state:
Owner state:
Owner zip code:
D number:
Owner city:
D number:
Howard
Out E North Ave
Not reported
Baltimore
MD
212022000201

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

GWYNNS FALLS ELEMENTARY - P.S. #60 (Continued)

1002933174

MD OCPCASES \$104604026

N/A

MD Financial Assurance 2:

GWYNNS FALLS ELEMENTARY - P.S. #60 Name:

Address: 2700 GWYNNS FALLS PARKWAY City, State, Zip: BALTIMORE, MD 21216

Region: Facility ID: 6219 Self Insured: True Insurance: False Risk Retention Group: False Guarantee: False Surety Bonds: False Letter of Credit: False State Fund: False Other Finance: False Finacnce Comments: Not reported

FR Not Listed: False

RALPH HERMAN HOLEWINSKI

35 **ESE** 2500 W FOREST PARK AVE 1/4-1/2 BALTIMORE, MD 21215

0.259 mi. 1369 ft.

Relative: OCPCASES: Lower

Name: RALPH HERMAN HOLEWINSKI Address: 2500 W FOREST PARK AVE Actual: City, State, Zip: BALTIMORE, MD 21215 284 ft.

Facility ID: 94-2371BC2 Facility Status/Code: CLOSED/ Date Open: 03/15/1994 Date Closed: 06/29/1994 Release: Not reported Cleanup: Not reported Registration Number: Not reported

RALPH HERMAN HOLEWINSKI Name: 2500 W FOREST PARK AVE Address: City,State,Zip: BALTIMORE, MD 21215

94-2371BC2 Facility ID: Facility Status/Code: CLOSED/ Date Open: 03/15/1994 Date Closed: 06/29/1994 Release: Not reported Cleanup: Not reported Registration Number: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

36 LIBERTY MEDICAL CENTER MD OCPCASES S104604485 ENE 3101 TOWANDA AVE N/A

ENE 3101 TOWANDA AVE 1/4-1/2 BALTIMORE, MD 21215

0.276 mi. 1459 ft.

Relative: OCPCASES: Lower Name:

LowerName:LIBERTY MEDICAL CENTERActual:Address:3101 TOWANDA AVE298 ft.City,State,Zip:BALTIMORE, MD 21215

Facility ID: 94-2909BC2
Facility Status/Code: CLOSED/
Date Open: 04/25/1994
Date Closed: 07/26/1994
Release: Not reported
Cleanup: Not reported

Registration Number: 537

Name: LIBERTY MEDICAL CENTER
Address: 3101 TOWANDA AVE
City, State, Zip: BALTIMORE, MD 21215

Facility ID: 94-2909BC2
Facility Status/Code: CLOSED/
Date Open: 04/25/1994
Date Closed: 07/26/1994
Release: Not reported
Cleanup: Not reported

Registration Number: 537

 37
 BALTIMORE DEVELOPMENT CORP.
 MD OCPCASES
 U003750990

 NNE
 3310 CARLINS PARK DR.
 MD UST
 N/A

 1/4-1/2
 BALTIMORE, MD 21215
 MD Financial Assurance

0.277 mi. 1460 ft.

Relative: OCPCASES:

Lower Name: BALTIMORE DEVELOPMENT CORP

Actual: Address: 3310 CARLINS PARK DR 348 ft. City,State,Zip: BALTIMORE, MD 21215

Facility ID: 00-0548BC2
Facility Status/Code: CLOSED/B-9
Date Open: 09/21/1999
Date Closed: 11/04/1999
Release: YES
Cleanup: YES
Registration Number: 10612

UST:

Facility Id: 10612
Oper Name: Jeff Weinel
Form Name: Veronica Owens
Form Title: Development Officer

Form Date: 10/06/1999 Owner Id: 4233

Owner:

Owner Name: Mayor and City Council of Baltimore / BDC

Owner Address: 36 South Charles Street Ste 1200

Owner City: Baltimore
Owner State: MD

MD NPDES

EDR ID Number

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BALTIMORE DEVELOPMENT CORP. (Continued)

U003750990

Owner Zip: 21201

(410) 837-9305 Owner Phone: Owner Contact: Sally Costello

Tanks:

Tank ID:

Tank Status: **Permanently Out of Use**

10000 Tank Capacity: Substance Description: Heating Oil Tank Compartment: False Compartment Compartment: Α

Not reported Date Intalled:

Tank Material Desc: Fiberglass Reinforced Plastic

Pipe Material Desc: Flexible Plastic

MD Financial Assurance 2:

Name: BALTIMORE DEVELOPMENT CORP.

Not reported

3310 CARLINS PARK DR. Address: BALTIMORE, MD 21215 City,State,Zip:

Region: 2 Facility ID: 10612 Self Insured: False Insurance: False Risk Retention Group: False Guarantee: False Surety Bonds: False Letter of Credit: False False State Fund: Other Finance: False

FR Not Listed: False

Finacnce Comments:

NPDES:

SENSOR AND ANTENNA SYSTEMS, LANSDALE, INC Name:

Address: 3310 CARLINS PARK DR City, State, Zip: BALTIMORE, MD 21215

Facility Status: Issued Bay Trib Number: Not reported

Watershed: Gwynns Falls - 02130905

Permit Type: General Permit Description: Not reported Sic Number: 3663

Permit Number: Not reported MDR000155 Npdes Number: App Description: Not reported Latitude/Longitude: Not reported 09/19/2014 Last Issued: 09/18/2019 **Expiration Date:** Owner Name: Not reported Owner Address: Not reported Not reported Owner Address 2: Not reported Owner City: Owner State: Not reported Owner Zip: Not reported Received: Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

BALTIMORE DEVELOPMENT CORP. (Continued)

U003750990

EDR ID Number

Comments: Not reported

AI ID: 430

Address 2: Not reported

SIC Description: Radio & Television Broadcasting & Communication Equipment

SIC Code2:

SIC Description 2: Electronic Components, NEC

SIC Code 3: Not reported SIC Description 3: Not reported Status Date: 09/19/2014 12NE0155 State Number: Approval Issued Date: 09/19/2014 Effective End Date: 09/18/2019

Name: MEGGITT (BALTIMORE) Address: 3310 CARLINS PARK DR City,State,Zip: BALTIMORE, MD 21215

Facility Status: Issued Bay Trib Number: Not reported

Watershed: Gwynns Falls - 02130905

Permit Type: General Permit Description: Not reported Sic Number: 3663 Permit Number: Not reported Npdes Number: MDR000155 App Description: Not reported Latitude/Longitude: Not reported 09/19/2014 Last Issued: **Expiration Date:** 09/18/2019 Owner Name: Not reported

Not reported Owner Address: Owner Address 2: Not reported Owner City: Not reported Owner State: Not reported Owner Zip: Not reported Not reported Received: Not reported Comments:

AI ID: 430

Address 2: Not reported

SIC Description: Radio & Television Broadcasting & Communication Equipment

SIC Code2: 3679

SIC Description 2: Electronic Components, NEC

SIC Code 3: Not reported SIC Description 3: Not reported Status Date: 09/19/2014 State Number: 12NE0155 Approval Issued Date: 09/19/2014 Effective End Date: 09/18/2019

Name: MEGGITT (BALTIMORE) Address: 3310 CARLINS PARK DRIVE

City, State, Zip: BALTIMORE, MD

Facility Status: Issued Bay Trib Number: Not reported

Watershed: MISSING subj_item_outfall Table

Permit Type: General Permit Not reported Description: Sic Number: 3663

Distance

Elevation Site Database(s) EPA ID Number

BALTIMORE DEVELOPMENT CORP. (Continued)

U003750990

EDR ID Number

Permit Number: Not reported MDR000155 Npdes Number: Not reported App Description: Latitude/Longitude: Not reported Last Issued: 09/19/2014 **Expiration Date:** 09/18/2019 Not reported Owner Name: Owner Address: Not reported Owner Address 2: Not reported Owner City: Not reported Owner State: Not reported Owner Zip: Not reported Received: Not reported Comments: Not reported

AI ID: 430

Address 2: Not reported

SIC Description: Radio & Television Broadcasting & Communication Equipment

SIC Code2: 3679

SIC Description 2: Electronic Components, NEC

SIC Code 3: Not reported SIC Description 3: Not reported Status Date: 09/19/2014 State Number: 12NE0155 Approval Issued Date: 09/19/2014 Effective End Date: 03/11/2021

Name: MEGGITT (BALTIMORE)
Address: 3310 CARLINS PARK DRIVE

City, State, Zip: BALTIMORE, MD

Facility Status: History
Bay Trib Number: Not reported

Watershed: MISSING subj_item_outfall Table

Permit Type: General Permit Description: Not reported Sic Number: 3663 Permit Number: Not reported MDR000155 Npdes Number: App Description: Not reported Latitude/Longitude: Not reported Last Issued: 04/05/2012 **Expiration Date:** 09/18/2014 Not reported Owner Name: Owner Address: Not reported Owner Address 2: Not reported Owner City: Not reported Owner State: Not reported Owner Zip: Not reported Received: Not reported Comments: Not reported

AI ID: 430

Address 2: Not reported

SIC Description: Radio & Television Broadcasting & Communication Equipment

SIC Code2: 3679

SIC Description 2: Electronic Components, NEC

SIC Code 3: Not reported SIC Description 3: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BALTIMORE DEVELOPMENT CORP. (Continued)

U003750990

Status Date: 09/18/2014 State Number: 12NE01550 04/05/2012 Approval Issued Date: Effective End Date: 09/18/2014

C&P TELEPHONE CO MD OCPCASES S104630498 38 MD HIST UST ΝE 2815 DRUID PARK DR N/A

1/4-1/2 **BALTIMORE, MD 21215**

0.310 mi. 1636 ft.

Relative: OCPCASES:

Higher **C&P TELEPHONE CO** Name: Address: 2815 DRUID PARK DR Actual: City,State,Zip: BALTIMORE, MD 21215 360 ft.

Facility ID: 92-0048BC1

Facility Status/Code: CLOSED/Tank Closure - Motor/Lube Oil

Date Open: 07/02/1991 Date Closed: 12/01/2000 Release: YES YES Cleanup: Registration Number: 7569

Historical UST:

Facility ID: 3003908 Tank ID: 001 Age: 17 Capacity: 12,000 Tank Status: Removed Product: Gasoline

Facility ID: 3003908 Tank ID: 002 17 Age: Capacity: 550 Tank Status: Removed Product: Used Oil

3003908 Facility ID: Tank ID: 003 Age: 3 Capacity: 600

Currently in use Tank Status: Used Oil Product:

39 **DIETZ & WATSON INC** NNE 3301 TOWANDA AVE 1/4-1/2 **BALTIMORE, MD 21215**

0.328 mi. 1731 ft.

Relative: OCPCASES:

Higher **DIETZ & WATSON INC** Name: Address: 3301 TOWANDA AVE Actual: City,State,Zip: BALTIMORE, MD 21215 370 ft.

> Facility ID: 19-0367BC

Facility Status/Code: CLOSED/Tank Closure - Commercial Heating Oil

TC6546763.2s Page 68

S123657742

N/A

MD OCPCASES

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

DIETZ & WATSON INC (Continued)

S123657742

Date Open: 12/19/2018 Date Closed: 08/13/2019 YES Release: Cleanup: YES Registration Number: 12134

40 **MD OCPCASES** S104606745 MTA

3400 CARLINS PARK DR N/A

North 1/4-1/2 BALTIMORE, MD 21215

0.351 mi. 1851 ft.

OCPCASES: Relative: Lower MTA Name:

3400 CARLINS PARK DR Address: Actual: BALTIMORE, MD 21215 City, State, Zip: 340 ft.

Facility ID: 95-2114BC2

CLOSED/Dumping Facility Status/Code: Date Open: 03/23/1995 Date Closed: 03/23/1995 Release: Not reported Cleanup: Not reported Registration Number: Not reported

41 **SOUTHWAY REALTY CO** MD OCPCASES S104642497 **ENE** 3200 REISTERSTOWN RD MD HIST UST N/A BALTIMORE, MD 21215 1/4-1/2

0.359 mi. 1894 ft.

Relative: OCPCASES:

Lower SOUTHWAY REALTY CO Name: 3200 REISTERSTOWN RD Address: Actual: City,State,Zip: BALTIMORE, MD 21215 321 ft.

> Facility ID: 96-0111BC2

Facility Status/Code: CLOSED/Tank Closure - Motor/Lube Oil

Date Open: 07/18/1995 Date Closed: 09/20/1995 Release: Not reported Cleanup: Not reported Registration Number: 14079

Historical UST:

6018010 Facility ID: Tank ID: 001 Age: 25 Capacity: 8,000 Tank Status: Removed Product: Gasoline

Facility ID: 6018010 Tank ID: 002

Age: Not reported 6,000 Capacity: Tank Status: Removed Product: Heating Oil

Direction Distance

Elevation Site Database(s) EPA ID Number

42 PARK CIRCLE BP MD OCPCASES U003765638 NE 3312 REISTERSTOWN ROAD MD UST N/A

1/2 BALTIMORE, MD 21215 MD Financial Assurance

1/4-1/2 0.370 mi. 1956 ft.

Relative: OCPCASES:

LowerName:PARK CIRCLE AMOCOActual:Address:3312 REISTERSTOWN RD336 ft.City,State,Zip:BALTIMORE, MD 21215

Facility ID: 3-3046BC2
Facility Status/Code: CLOSED/
Date Open: 05/10/1983
Date Closed: 07/11/1983
Release: Not reported
Cleanup: Not reported
Registration Number: 12338

Name: AMOCO

Address: 3312 REISTERSTOWN RD City, State, Zip: BALTIMORE, MD 21215

Facility ID: 90-1030BC1

Facility Status/Code: CLOSED/Well/GW Contamination - Motor/Lube Oil

Date Open: 11/28/1989
Date Closed: 01/23/2002
Release: YES
Cleanup: YES
Registration Number: 12338

Name: AMOCO

Address: 3312 REISTERSTOWN RD City, State, Zip: BALTIMORE, MD 21215

Facility ID: 03-1509BC1
Facility Status/Code: CLOSED/Dumping
Date Open: 03/27/2003
Date Closed: 05/15/2003
Release: NO
Cleanup: NO
Registration Number: Not reported

Name: PARK CIRCLE BP #24
Address: 3312 REISTERSTOWN RD
City,State,Zip: BALTIMORE, MD 21215

Facility ID: 08-0119BC

Facility Status/Code: CLOSED/Compliance Inspections (C3, 4, 4A, 5, 9, 10, 11)

 Date Open:
 08/27/2007

 Date Closed:
 04/12/2010

 Release:
 NO

 Cleanup:
 NO

 Registration Number:
 12338

Name: PARK CIRCLE BP
Address: 3312 REISTERSTOWN RD
City, State, Zip: BALTIMORE, MD 21215

Facility ID: 11-0554BC

Facility Status/Code: CLOSED/Well/GW Contamination - Motor/Lube Oil

 Date Open:
 04/01/2011

 Date Closed:
 11/16/2012

 Release:
 YES

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

PARK CIRCLE BP (Continued)

U003765638

EDR ID Number

Cleanup: YES
Registration Number: 12338

Name: AMOCO

Address: 3312 REISTERSTOWN RD City, State, Zip: BALTIMORE, MD 21215

Facility ID: 8-0167BC1
Facility Status/Code: CLOSED/
Date Open: 07/27/1987
Date Closed: 11/03/1999
Release: Not reported
Cleanup: Not reported
Registration Number: 12338

Name: AMOCO

Address: 3312 REISTERSTOWN RD City,State,Zip: BALTIMORE, MD 21215

Facility ID: 9-0783BC2
Facility Status/Code: CLOSED/
Date Open: 11/30/1987
Date Closed: 11/03/1999
Release: Not reported
Cleanup: Not reported
Registration Number: 12338

UST:

Facility Id: 12338

Oper Name: Abdalatti Elghannam

Form Name: Herb Meade

Form Title: Environmental Director

Form Date: 01/23/2019 Owner Id: 14022

Owner:

Owner Name: DTSS, LLC

Owner Address: c/o Carroll Independent Fuel Company 2700 Loch Raven Road

Owner City: Baltimore
Owner State: MD
Owner Zip: 21218
Owner Phone: (410) 261-5450
Owner Contact: Herb Meade

Tanks:

Tank ID:

Tank Status: Permanently Out Of Use

Tank Capacity: 10000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 01/01/1980

Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 10

Tank Status: Permanently Out Of Use

Tank Capacity: 550
Substance Description: Used Oil

Direction
Distance

Elevation Site Database(s) EPA ID Number

PARK CIRCLE BP (Continued)

U003765638

EDR ID Number

Tank Compartment: False Compartment Compartment: A

Date Intalled: 02/01/1961

Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 11

Tank Status: Permanently Out Of Use

Tank Capacity: 550
Substance Description: Used Oil
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 02/01/1961

Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 12

Tank Status: Permanently Out Of Use

Tank Capacity: 550
Substance Description: Used Oil
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 02/01/1961

Tank Material Desc: Asphalt Coated or Bare Steel Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 13

Tank Status: Permanently Out Of Use

Tank Capacity: 1000
Substance Description: Used Oil
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 02/01/1961

Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 14

Tank Status: Permanently Out Of Use

Tank Capacity: 1000
Substance Description: Used Oil
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 02/01/1961

Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 2

Tank Status: Permanently Out Of Use

Tank Capacity: 6000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 01/01/1972

Tank Material Desc: Asphalt Coated or Bare Steel Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 3

Direction Distance

Elevation Site Database(s) EPA ID Number

PARK CIRCLE BP (Continued)

U003765638

EDR ID Number

Tank Status: Permanently Out Of Use

Tank Capacity: 8000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 01/01/1974

Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID:

Tank Status: Permanently Out Of Use

Tank Capacity: 550
Substance Description: Used Oil
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 01/01/1961

Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 5

Tank Status: Currently In Use

Tank Capacity: 12000
Substance Description: Gasohol
Tank Compartment: False
Compartment Compartment: A
Date Intalled: 03/01/1991

Tank Material Desc: Cathodically Protected Steel (Supplemental Anodes Added)

Pipe Material Desc: Fiberglass Reinforced Plastic

Tank ID: 6

Tank Status: Currently In Use

Tank Capacity: 10000
Substance Description: Gasohol
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 03/01/1991

Tank Material Desc: Cathodically Protected Steel (Supplemental Anodes Added)

Pipe Material Desc: Fiberglass Reinforced Plastic

Tank ID: 7

Tank Status: Currently In Use

Tank Capacity: 10000
Substance Description: Gasohol
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 03/01/1991

Tank Material Desc: Cathodically Protected Steel (Supplemental Anodes Added)

Pipe Material Desc: Fiberglass Reinforced Plastic

Tank ID:

Tank Status: Permanently Out Of Use

Tank Capacity: 1000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 02/01/1961

Tank Material Desc: Asphalt Coated or Bare Steel

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

PARK CIRCLE BP (Continued)

U003765638

Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 9

Tank Status: Permanently Out Of Use

Tank Capacity: 1000 Substance Description: Gasoline Tank Compartment: False Compartment Compartment: Α

Date Intalled: 02/01/1961

Tank Material Desc: Asphalt Coated or Bare Steel Pipe Material Desc: Bare or Galvanized Steel

MD Financial Assurance 2:

PARK CIRCLE BP Name:

Address: 3312 REISTERSTOWN ROAD BALTIMORE, MD 21215 City, State, Zip:

Region: Facility ID: 12338 Self Insured: False Insurance: True Risk Retention Group: False Guarantee: False Surety Bonds: False Letter of Credit: False State Fund: False Other Finance: False

Finacnce Comments: Policy # 002655600 Insurer: Ironshore Specialty Ins. Co. Policy

Period: 2/16/18 - 2/16/19 (dt)

FR Not Listed: False

HANLON PARK FIELD HOUSE 43 SW 2700 N LONGWOOD ST 1/4-1/2 BALTIMORE, MD 21216

0.376 mi. 1987 ft.

OCPCASES: Relative:

Lower HANLON PARK FIELD HOUSE Name: Address: 2700 N LONGWOOD ST Actual: 311 ft. City, State, Zip: BALTIMORE, MD 21216

> Facility ID: 93-1008BC3 Facility Status/Code: CLOSED/ Date Open: 11/23/1992 Date Closed: 12/03/1992 Release: Not reported Cleanup: Not reported Registration Number: 14149

MD LEAD:

Name: Not reported

Address: 2700 N LONGWOOD ST BALTIMORE, MD 21216 City, State, Zip: Facility ID: 0315273061B073

434026 Cert Number: Unit ID: SF

Inspection Date: 09/08/2008 S108095405

N/A

MD OCPCASES

MD LEAD

Direction Distance

Elevation Site Database(s) EPA ID Number

HANLON PARK FIELD HOUSE (Continued)

S108095405

EDR ID Number

Limit Date: Not reported

Invalid: F Company No: 5053

Company Name: Residential Environmental Services, Inc.

ReInspection Date: / /

Option: BALTIMORE, MD 21216

Inspection Category: Full Risk Reduction Standard Dust Inspection

Pass/Fail: P Inspector Number: 10413

Inspector Name: Haushalter Daniel J. Property Number: 0315273061B073

Name: Not reported

 Address:
 2700 N LONGWOOD ST

 City, State, Zip:
 BALTIMORE, MD 21216

 Facility ID:
 0315273061B073

Cert Number: 756072
Unit ID: SFP
Inspection Date: 09/16/2016
Limit Date: Not reported
Invalid: Not reported
Company No: 15644

Company Name: Tobias Jeffrey Tucker

ReInspection Date: /

Option: Full Lead Free

Inspection Category: Lead Free Dust Inspection

Pass/Fail: P Inspector Number: 15643

Inspector Name: Tucker Tobias Jeffrey Property Number: 0315273061B073

Name: Not reported

 Address:
 2700 N LONGWOOD ST

 City, State, Zip:
 BALTIMORE, MD 21216

 Facility ID:
 0315273061B073

 Cert Number:
 503434

 Unit ID:
 SF

 Inspection Date:
 01/17/2011

 Limit Date:
 Not reported

Invalid: F
Company No: 12236
Company Name: DJH, Inc.
ReInspection Date: //

Option: BALTIMORE, MD 21216

Inspection Category: Full Risk Reduction Standard Dust Inspection

Pass/Fail:

Inspector Number: 10413

Inspector Name: Haushalter Daniel J. Property Number: 0315273061B073

Name: Not reported

 Address:
 2700 N LONGWOOD ST

 City,State,Zip:
 BALTIMORE, MD 21216

 Facility ID:
 0315273061B073

 Cert Number:
 371747

 Unit ID:
 SF

 Inspection Date:
 12/21/2006

Direction Distance

Elevation Site Database(s) EPA ID Number

HANLON PARK FIELD HOUSE (Continued)

S108095405

EDR ID Number

Limit Date: Not reported

Invalid: F Company No: 5053

Company Name: Residential Environmental Services, Inc.

ReInspection Date: / /

Option: BALTIMORE, MD 21216

Inspection Category: Full Risk Reduction Standard Dust Inspection

Pass/Fail: P
Inspector Number: 7417
Inspector Name: Firlie Ray E
Property Number: 0315273061B073

Name: Not reported

 Address:
 2700 N LONGWOOD ST

 City,State,Zip:
 BALTIMORE, MD 21216

 Facility ID:
 0315273061B073

Cert Number: 303593
Unit ID: SF
Inspection Date: 03/20/2006
Limit Date: Not reported
Invalid: F

Company No: 4266

Company Name: Inspection Services Association

ReInspection Date: /

Option: BALTIMORE, MD 21216

Inspection Category: Full Risk Reduction Standard Visual Inspection

Pass/Fail: Not reported

Inspector Number: 4248

Inspector Name: Rossetti Philip L
Property Number: 0315273061B073

44 RUBY GRIFFON RESIDENCE NNW 3700 ROSEDALE RD

1/4-1/2 BALTIMORE, MD 21215

0.395 mi. 2084 ft.

Relative: OCPCASES:

HigherName:RUBY GRIFFON RESIDENCEActual:Address:3700 ROSEDALE RD369 ft.City,State,Zip:BALTIMORE, MD 21215

Facility ID: 15-0395BC

Facility Status/Code: CLOSED/Aboveground Tank - Residential Heating Oil

Date Open: 01/08/2015
Date Closed: 10/14/2015
Release: YES
Cleanup: NO

Registration Number: Not reported

MD OCPCASES

S117658750

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

45 **BALTIMORE HOUSING PARTNERSHIP** MD OCPCASES S104611510 N/A

East 2904 REISTERSTOWN RD 1/4-1/2 **BALTIMORE, MD 21215**

0.399 mi. 2105 ft.

Relative: OCPCASES:

Lower BALTIMORE HOUSING PARTNERSHIP Name:

2904 REISTERSTOWN RD Address: Actual: City,State,Zip: BALTIMORE, MD 21215 303 ft.

Facility ID: 93-1818BC2 Facility Status/Code: CLOSED/ Date Open: 03/19/1993 03/26/1993 Date Closed: Release: Not reported Cleanup: Not reported Registration Number: Not reported

46 **CROWN MD-007** MD OCPCASES S110090756

SSE **2617 GWYNNS FALLS PKWY** 1/4-1/2 BALTIMORE, MD 21216 0.403 mi.

2128 ft.

OCPCASES: Relative:

Lower CROWN MD-007 Name:

Address: 2617 GWYNNS FALLS PKWY Actual: City, State, Zip: BALTIMORE, MD 21216 248 ft.

Facility ID: 92-0152BC1

Facility Status/Code: CLOSED/Well/GW Contamination - Motor/Lube Oil

Date Open: 07/16/1991 Date Closed: 08/27/2010 Release: YES Cleanup: YES Registration Number: 9048

H47 WM. H. LEMMEL MIDDLE SCHOOL #79

MD OCPCASES S104636639 MD HIST UST N/A

2801 N DUKELAND ST South 1/4-1/2 BALTIMORE, MD 21216

0.405 mi.

2140 ft. Site 1 of 3 in cluster H

OCPCASES: Relative:

Lower WM H LEMMEL MIDDLE SCHOOL #79 Name:

2801 N DUKELAND ST Address: Actual: City,State,Zip: BALTIMORE, MD 21216 237 ft.

Facility ID: 12-0665BC

Facility Status/Code: CLOSED/Tank Closure - Commercial Heating Oil

Date Open: 05/23/2012 Date Closed: 01/15/2013 Release: YES YES Cleanup: Registration Number: 6474

Historical UST:

6002674 Facility ID: Tank ID: 001 Age: 35

N/A

MD ASBESTOS

Distance Elevation S

on Site Database(s) EPA ID Number

2020

WM. H. LEMMEL MIDDLE SCHOOL #79 (Continued)

S104636639

EDR ID Number

Capacity: 10,000
Tank Status: Currently in use

Product: Other

 Facility ID:
 6002674

 Tank ID:
 002

 Age:
 35

 Capacity:
 10,000

 Tank Status:
 Currently in use

Product: Other

ASBESTOS:

Year:

 Name:
 CONNEXIONS SCHOOL

 Address:
 2801 N DUKELAND ST

 City, State, Zip:
 BALTIMORE, MD 21216

Removal/Encapsulation/Demolition Start Date: 12/18/2020 Removal/Encapsulation/Demolition End Date: 12/26/2020 Days of the week worked: MON-FRI Volume off facility Component (Cat I) not removed: 0 Cubic Yards Volume off facility Component (Cat I) not removed: 0 Cubic Yards Volume off facility Component (Cat II) not removed: 0 Cubic Yards Hours worked in a day: 0700-163 O Origina Original or resubmit:

Number of floors in building:

Pipe Cat I not removed:

Pipe Cat II not removed:

O Linear Feet
O Linear Feet
Type of Building:

School

Contractor name: BMW Construction Specialists

Length of project: Not reported

Type of project from notification form:

R-N Renovation (NESHAP)

Volume off facility component Cat I non friable removed:

Pipes Cat I non friable removed:

Surface area Cat I non friable removed:

Volume off facility component, Cat II non friable removed:

O Cubic Yards

O Cubic Yards

Pipe Cat II non friable removed: 0 Linear Feet 0 Square Feet Surface area Cat II non friable removed: Volume of facility component RACM removed: 0 Cubic Yards Pipes RACM removed: 0 Linear Feet 0 Square Feet Surface area RACM removed: 0 Square Feet Surface area Cat I not removed: Surface area Cat II not removed: 0 Square Feet Site description (found in Section II of the notification): Cafeteria

Owner of the site:

Landfill asbestos will be sent to:

True

True

Trunce

True

True

True

True

True

True

Facility off components units:

Not reported
Pipes unit of measure:

Linear Feet

Surface area unit of measure: Square Feet Square Feet

Received Date: 12/04/2020

Owner name: Baltimore City Public Schools

Owner contact: Brock, Don

Owner street address: 200 E. North Avenue

Owner street address 2:

Owner city:

Owner state:

Owner zip code:

Not reported
Baltimore
MD
21202-

Distance Elevation S

Site Database(s) EPA ID Number

WM. H. LEMMEL MIDDLE SCHOOL #79 (Continued)

S104636639

EDR ID Number

ID number: 2001029

Name: WILLIAM H. LEMMEL MIDDLE SCHOOL

Address: 2801 N. DUKELAND ST. City, State, Zip: BALTIMORE, MD 21216-

Year: 2018

Removal/Encapsulation/Demolition Start Date: 07/17/2018

Removal/Encapsulation/Demolition End Date: 07/17/2018

Days of the week worked: MON

Volume off facility Component (Cat I) not removed: 0. Cubic Yarr

Volume off facility Component (Cat I) not removed:

Volume off facility Component (Cat I) not removed:

Volume off facility Component (Cat II) not removed:

Volume off facility Component (Cat II) not removed:

Hours worked in a day:

Original or resubmit:

Number of floors in building:

O Cubic Yards

4PM-8PM

O Origina

4

Pipe Cat I not removed:

Pipe Cat II not removed:

O Linear Feet

O Linear Feet

Type of Building:

Contractor name:

Length of project:

O Linear Feet

ALLEC LLC

Not reported

Type of project from notification form: S-N Non-NESHAP Renovation/Dem

Volume off facility component Cat I non friable removed:

Pipes Cat I non friable removed:

0 Cubic Yards

0 Linear Feet

Surface area Cat I non friable removed:

0 Square Feet

Volume off facility component, Cat II non friable removed: 0 Cubic Yards 0 Linear Feet Pipe Cat II non friable removed: Surface area Cat II non friable removed: 0 Square Feet Volume of facility component RACM removed: 0 Cubic Yards Pipes RACM removed: 0 Linear Feet Surface area RACM removed: 120 Square Feet 0 Square Feet Surface area Cat I not removed: Surface area Cat II not removed: 0 Square Feet Site description (found in Section II of the notification): cafeteria

Owner of the site:

Landfill asbestos will be sent to:

True

Transporter of the waste:

Facility off components units:

Pipes unit of measure:

True

Not reported

Linear Feet

Surface area unit of measure: Square Feet Square Feet

Received Date: 07/17/2018

Owner name: Baltimore City Public Schools

Owner contact: Brock, Don

Owner street address: 200 E. North Avenue

Owner street address 2:

Owner city:

Baltimore

Owner state:

MD

Owner zip code:

181461

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

H48 WILLIAM H LEMMEL MIDDLE SCHOOL MD OCPCASES S113767432

2801 N DUKELAND ST N/A

1/4-1/2 BALTIMORE, MD 21216

0.405 mi.

South

2140 ft. Site 2 of 3 in cluster H

OCPCASES: Relative:

Lower WILLIAM H LEMMEL MIDDLE SCHOOL Name:

Address: 2801 N DUKELAND ST Actual: City,State,Zip: BALTIMORE, MD 21216 237 ft.

Facility ID: 03-1118BC2

Facility Status/Code: CLOSED/Other - Commercial Heating Oil

Date Open: 01/31/2003 Date Closed: 07/08/2003 Release: NO Cleanup: NO Registration Number: 6474

H49 **WILLIAM LEMMEL SCHOOL #79** MD OCPCASES S110295000

2801 W DUKELAND ST South 1/4-1/2 BALTIMORE, MD 21216

0.405 mi.

2140 ft. Site 3 of 3 in cluster H

OCPCASES: Relative:

Lower WILLIAM LEMMEL SCHOOL #79 Name:

Address: 2801 W DUKELAND ST Actual: City, State, Zip: BALTIMORE, MD 21216 237 ft.

Facility ID: 10-0167BC

Facility Status/Code: CLOSED/Surface Spill from UST - Commercial Heating Oil

Date Open: 09/29/2009 Date Closed: 01/13/2010 Release: YES Cleanup: YES Registration Number: 6474

KENNY'S QUALITY AUTO REPAIR 150 MD OCPCASES S105898849 N/A

SSE **2607 GYWNN FALLS PKWY** 1/4-1/2 BALTIMORE, MD 21216

0.410 mi.

2167 ft. Site 1 of 3 in cluster I

OCPCASES: Relative:

Lower KENNY'S QUALITY AUTO REPAIR Name: 2607 GYWNN FALLS PKWY Address: Actual: City,State,Zip: BALTIMORE, MD 21216 255 ft.

Facility ID: 03-1469BC1 Facility Status/Code: CLOSED/Dumping 04/15/2003 Date Open:

Date Closed: 09/15/2003 Release: YES Cleanup: YES Registration Number: Not reported N/A

Direction Distance

Elevation Site Database(s) **EPA ID Number**

151 COPPIN STATE UNIVERSITY ATHLETIC DEPARTMENT (FORME MD OCPCASES MD UST

SSE 2525 AND 2601 GWYNNS FALLS PARKWAY

1/4-1/2 BALTIMORE, MD 21216

0.413 mi.

2179 ft. Site 2 of 3 in cluster I

OCPCASES: Relative:

Lower FORMER AMOCOB/COPPIN STATE Name: 2525 AND 2601 GWYNNS FALLS PKWY Address: Actual:

City,State,Zip: BALTIMORE, MD 21216 254 ft.

Facility ID: 08-0315BC

Facility Status/Code: CLOSED/Tank Closure - Motor/Lube Oil

Date Open: 11/15/2007 Date Closed: 02/26/2010 Release: YES Cleanup: YES Registration Number: 7400

UST:

Facility Id: 7400

Oper Name: Hafiz Habibullah Form Name: Jay Fowles Form Title: Not reported Form Date: 11/15/2007 Owner Id: 2693

Owner:

Owner Name: Coppin State University 2500 W. North Avenue Owner Address:

Owner City: **Baltimore** Owner State: MD Owner Zip: 21216

Owner Phone: (410) 951-3771 Owner Contact: Maria del R. Castro

Tanks:

Tank ID:

Tank Status: **Permanently Out of Use**

Tank Capacity: 8000 Substance Description: Gasoline Tank Compartment: False Compartment Compartment:

Date Intalled: 02/01/1979

Tank Material Desc: Asphalt Coated or Bare Steel Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 10

Permanently Out Of Use Tank Status:

Tank Capacity: 550 Substance Description: Heating Oil False Tank Compartment: Compartment Compartment: Α

Date Intalled: 02/01/1971

Tank Material Desc: Asphalt Coated or Bare Steel Bare or Galvanized Steel Pipe Material Desc:

Tank ID:

Tank Status: **Permanently Out Of Use**

Tank Capacity: 3000 **EDR ID Number**

U004013378

N/A

MD Financial Assurance

Direction Distance

Elevation Site Database(s) EPA ID Number

COPPIN STATE UNIVERSITY ATHLETIC DEPARTMENT (FORMER AMOCO BP (Continued)

U004013378

EDR ID Number

Substance Description: Not Listed
Tank Compartment: False
Compartment Compartment: A

Date Intalled: Not reported

Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 12

Tank Status: Permanently Out Of Use

Tank Capacity: 3000
Substance Description: Not Listed
Tank Compartment: False
Compartment Compartment: A

Date Intalled: Not reported

Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID:

Tank Status: Permanently Out of Use

Tank Capacity: 8000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 02/01/1979

Tank Material Desc: Asphalt Coated or Bare Steel Pipe Material Desc: Bare or Galvanized Steel

Tank ID: 3

Tank Status: Permanently Out of Use

Tank Capacity: 8000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 02/01/1973

Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Tank ID:

Tank Status: Permanently Out of Use

Tank Capacity: 8000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 02/01/1973

Tank Material Desc: Asphalt Coated or Bare Steel Pipe Material Desc: Bare or Galvanized Steel

Tank ID:

Tank Status: Permanently Out of Use

Tank Capacity: 550
Substance Description: Used Oil
Tank Compartment: False
Compartment Compartment: A

Date Intalled: 02/01/1971

Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

COPPIN STATE UNIVERSITY ATHLETIC DEPARTMENT (FORMER AMOCO BP (Continued)

U004013378

Tank ID:

Permanently Out of Use Tank Status:

10000 Tank Capacity: Substance Description: Gasoline Tank Compartment: False Compartment Compartment: Α

Date Intalled: 06/01/1990

Tank Material Desc: Cathodically Protected Steel (Coating w/CP - Galvanic)

Fiberglass Reinforced Plastic Pipe Material Desc:

Tank ID:

Tank Status: **Permanently Out of Use**

10000 Tank Capacity: Substance Description: Gasoline Tank Compartment: False Compartment Compartment: Α

06/01/1990 Date Intalled:

Cathodically Protected Steel (Coating w/CP - Galvanic) Tank Material Desc:

Pipe Material Desc: Fiberglass Reinforced Plastic

Tank ID:

Tank Status: Permanently Out of Use

Tank Capacity: 10000 Substance Description: Gasoline Tank Compartment: False Compartment Compartment: Α

Date Intalled: 06/01/1990

Tank Material Desc: Cathodically Protected Steel (Coating w/CP - Galvanic)

Pipe Material Desc: Fiberglass Reinforced Plastic

Tank ID:

Tank Status: **Permanently Out of Use**

Tank Capacity: 10000 Substance Description: Gasoline Tank Compartment: False Compartment Compartment:

Date Intalled: 06/01/1990

Tank Material Desc: Cathodically Protected Steel (Coating w/CP - Galvanic)

Pipe Material Desc: Fiberglass Reinforced Plastic

MD Financial Assurance 2:

Name: COPPIN STATE UNIVERSITY ATHLETIC DEPARTMENT (FORMER AMOCO BP)

2525 AND 2601 GWYNNS FALLS PARKWAY Address:

City, State, Zip: BALTIMORE, MD 21216

Region: 2 Facility ID: 7400 Self Insured: False Insurance: False Risk Retention Group: False False Guarantee: Surety Bonds: False Letter of Credit: False State Fund: False Other Finance: False Finacnce Comments: Not reported FR Not Listed: False

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

I52 DOBSON/QUALITY WINDOW TINTING MD OCPCASES S106244419
SSE 2601 GWYNNS FALLS PKWY N/A

SSE 2601 GWYNNS FALLS PKWY 1/4-1/2 BALTIMORE, MD 21216

0.413 mi.

2179 ft. Site 3 of 3 in cluster I

Relative: OCPCASES:

Lower Name: DOBSON/QUALITY WINDOW TINTING

Actual: Address: 2601 GWYNNS FALLS PKWY 254 ft. City,State,Zip: BALTIMORE, MD 21216

Facility ID: 94-1500BC1

Facility Status/Code: CLOSED/Tank Closure - Motor/Lube Oil

Date Open: 11/18/1993
Date Closed: 02/15/2002
Release: YES
Cleanup: NO
Registration Number: 7400

Name: DOBSON/QUALITY WINDOW TINTING

Address: 2601 GWYNNS FALLS PKWY
City,State,Zip: BALTIMORE, MD 21216

Facility ID: 94-1500BC1

Facility Status/Code: CLOSED/Tank Closure - Motor/Lube Oil

Date Open: 11/18/1993
Date Closed: 02/15/2002
Release: YES
Cleanup: NO
Registration Number: 7400

J53 COPPIN STATE UNIVERSITY MD OCPCASES \$109123176
SE 2523 GWYNN FALLS PKWY N/A

1/4-1/2 BALTIMORE, MD 21216

0.418 mi.

2207 ft. Site 1 of 3 in cluster J

Relative: OCPCASES:

LowerName:COPPIN STATE UNIVERSITYActual:Address:2523 GWYNN FALLS PKWY257 ft.City,State,Zip:BALTIMORE, MD 21216

Facility ID: 08-0722BC

Facility Status/Code: CLOSED/Tank Closure - Commercial Heating Oil

Date Open: 05/22/2008
Date Closed: 01/12/2010
Release: NO
Cleanup: NO
Registration Number: 4218

J54 ROW CLOTHING ENT. MD OCPCASES U003888227 SE 2523 GWYNNS FALLS PARKWAY MD UST N/A

1/4-1/2 BALTIMORE, MD 21216

0.418 mi.

2207 ft. Site 2 of 3 in cluster J

Relative: OCPCASES:

Lower Name: ROW CLOTHING

Actual: Address: 2523 GWYNNS FALLS PKWY 257 ft. City, State, Zip: BALTIMORE, MD 21216

Facility ID: 98-2689BC2

TC6546763.2s Page 84

MD Financial Assurance

Direction Distance

Elevation Site Database(s) EPA ID Number

ROW CLOTHING ENT. (Continued)

Facility Status/Code: CLOSED/Tank Closure - Motor/Lube Oil

Date Open: 06/30/1998
Date Closed: 01/13/1999
Release: YES
Cleanup: YES
Registration Number: 7405

Name: NORTHWEST BUSINESS CENTER Address: 2523 GWYNNS FALLS PKWY

City,State,Zip: BALTIMORE, MD 21216

Facility ID: 02-0568BC1
Facility Status/Code: CLOSED/B-9
Date Open: 10/23/2001
Date Closed: 03/28/2002
Release: NO
Cleanup: NO
Registration Number: 7405

UST:

Facility Id: 7405
Oper Name: R. Bloch
Form Name: Randi A. Baera
Form Title: Remover
Form Date: 06/30/1998
Owner Id: 4389

Owner:

Owner Name: Row Clothing Ent.
Owner Address: P.O. Box 7020
Owner City: Baltimore
Owner State: MD
Owner Zip: 21216
Owner Phone: Not reported
Owner Contact: Not reported

Tanks:

Tank ID:

Tank Status: Permanently Out of Use

Tank Capacity: 10000
Substance Description: Gasoline
Tank Compartment: False
Compartment Compartment: A

Date Intalled: Not reported

Tank Material Desc: Asphalt Coated or Bare Steel
Pipe Material Desc: Bare or Galvanized Steel

MD Financial Assurance 2:

Name: ROW CLOTHING ENT.

Address: 2523 GWYNNS FALLS PARKWAY

City, State, Zip: BALTIMORE, MD 21216

Region: 2
Facility ID: 7405
Self Insured: False
Insurance: False
Risk Retention Group: False

EDR ID Number

U003888227

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

ROW CLOTHING ENT. (Continued)

U003888227

N/A

US AIRS

MD Financial Assurance

Guarantee: False
Surety Bonds: False
Letter of Credit: False
State Fund: False
Other Finance: False
Finacnce Comments: Not reported
FR Not Listed: False

J55 AMOCO STATION MD OCPCASES U001547914

SE 2525 GWYNNS FALLS PKWY 1/4-1/2 BALTIMORE, MD 21216

0.420 mi.

2215 ft. Site 3 of 3 in cluster J

Relative: OCPCASES:

Lower Name: AMOCO STATION

Actual: Address: 2525 GWYNNS FALLS PKWY 257 ft. City,State,Zip: BALTIMORE, MD 21216

Facility ID: 90-2383BC2

Facility Status/Code: CLOSED/Well/GW Contamination - Motor/Lube Oil

Date Open: 05/25/1990
Date Closed: 07/15/1998
Release: YES
Cleanup: YES
Registration Number: 7400

 K56
 MONDAWMIN MALL
 MD OCPCASES
 1000184971

 ESE
 1200 MONDAWMIN MALL
 MD UST
 MD UST
 MDD118449545

 1/4-1/2
 BALTIMORE, MD 21215
 RCRA NonGen / NLR

0.442 mi.

2336 ft. Site 1 of 2 in cluster K

Relative: OCPCASES:
Lower Name: MONDAWMIN MALL

Actual: Address: 1200 MONDAWMIN CONCOURSE 300 ft. City, State, Zip: BALTIMORE, MD 21215

ft. City,State,Zip: BALTIMORE, Facility ID: 00-0112BC2

Facility Status/Code: CLOSED/Aboveground Tank Leak

Date Open: 07/16/1999
Date Closed: 11/05/1999
Release: YES
Cleanup: YES
Registration Number: 7408

Name: MONDAWMIN MALL

Address: 1200 MONDAWMIN CONCOURSE

City, State, Zip: BALTIMORE, MD 21215

Facility ID: 00-0960BC2
Facility Status/Code: CLOSED/B-9
Date Open: 11/22/1999
Date Closed: 02/10/2000
Release: YES
Cleanup: YES
Registration Number: 3331

Direction Distance

Elevation Site Database(s) **EPA ID Number**

MONDAWMIN MALL (Continued)

1000184971

EDR ID Number

UST:

3331 Facility Id:

Oper Name: Brian Gardiner Form Name: Albert F. Edwards Form Title: Director of Environmental

Form Date: 12/15/1999 Owner Id: 4996

Owner:

Owner Name: Northwest Associates Owner Address: 10275 Little Patuxent Parkway

Owner City: Columbia Owner State: MD Owner Zip: 21044 (410) 992-6000 Owner Phone: Kelly Webb Owner Contact:

Tanks:

Tank ID:

Permanently Out Of Use Tank Status:

Tank Capacity: 8000 Substance Description: Heating Oil Tank Compartment: False Compartment Compartment:

Date Intalled: 01/01/1988

Tank Material Desc: Composite (Steel w/ FRP) Pipe Material Desc: Fiberglass Reinforced Plastic

Tank ID:

Tank Status: **Permanently Out of Use**

Tank Capacity: 8000 Substance Description: Heating Oil Tank Compartment: False Compartment Compartment: Α

01/01/1988 Date Intalled:

Tank Material Desc: Fiberglass Reinforced Plastic Pipe Material Desc: Fiberglass Reinforced Plastic

Tanks:

Tank ID:

Tank Status: **Permanently Out Of Use**

8000 Tank Capacity: Substance Description: Heating Oil Tank Compartment: False Compartment Compartment: 01/01/1988 Date Intalled:

Tank Material Desc: Composite (Steel w/ FRP)

Pipe Material Desc: Fiberglass Reinforced Plastic

Tank ID:

Permanently Out of Use Tank Status:

Tank Capacity: 8000 Substance Description: Heating Oil Tank Compartment: False Compartment Compartment:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MONDAWMIN MALL (Continued)

1000184971

1200 MONDAWMIN MALL

Not reported

Date Intalled: 01/01/1988

Tank Material Desc: Fiberglass Reinforced Plastic Pipe Material Desc: Fiberglass Reinforced Plastic

RCRA NonGen / NLR:

Handler Address:

Contact Title:

Date Form Received by Agency: 1996-02-02 00:00:00.0

MONDAWMIN MALL Handler Name:

Handler City, State, Zip: BALTIMORE, MD 21215 MDD118449545 EPA ID: Contact Name: Not reported Contact Address: Not reported Contact City, State, Zip: Not reported Contact Telephone: Not reported Contact Fax: Not reported Contact Email: Not reported

EPA Region: 03

Land Type: Not reported

Not a generator, verified Federal Waste Generator Description:

Non-Notifier: Not reported Biennial Report Cycle: Not reported Accessibility: Not reported Active Site Indicator: Not reported State District Owner: Not reported State District: Not reported

Mailing Address: 1200 MONDAWMIN MALL BALTIMORE, MD 21215 Mailing City, State, Zip:

Owner Name: Not reported Owner Type: Not reported Operator Name: **OPERNAME** Operator Type: Private Short-Term Generator Activity: No Importer Activity: No Mixed Waste Generator: No Transporter Activity: No Transfer Facility Activity: No

Recycler Activity with Storage: No Small Quantity On-Site Burner Exemption: No Smelting Melting and Refining Furnace Exemption: No **Underground Injection Control:** No Off-Site Waste Receipt: No Universal Waste Indicator: No Universal Waste Destination Facility: Nο Federal Universal Waste: No

Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported Active Site Converter Treatment storage and Disposal Facility: Not reported Active Site State-Reg Treatment Storage and Disposal Facility: Not reported Active Site State-Reg Handler:

Federal Facility Indicator: Not reported

Hazardous Secondary Material Indicator: NN

Sub-Part K Indicator: Not reported

Commercial TSD Indicator: No

Treatment Storage and Disposal Type: Not reported 2018 GPRA Permit Baseline: Not on the Baseline 2018 GPRA Renewals Baseline: Not on the Baseline

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MONDAWMIN MALL (Continued)

1000184971

Permit Renewals Workload Universe: Not reported Permit Workload Universe: Not reported Permit Progress Universe: Not reported Post-Closure Workload Universe: Not reported Closure Workload Universe: Not reported

202 GPRA Corrective Action Baseline: No Corrective Action Workload Universe: No Subject to Corrective Action Universe: No Non-TSDFs Where RCRA CA has Been Imposed Universe: No TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No TSDFs Only Subject to CA under Discretionary Auth Universe: No

Corrective Action Priority Ranking: No NCAPS ranking

Environmental Control Indicator: No Institutional Control Indicator: No Human Exposure Controls Indicator: N/A Groundwater Controls Indicator: N/A

Operating TSDF Universe: Not reported Full Enforcement Universe: Not reported

Significant Non-Complier Universe: No Unaddressed Significant Non-Complier Universe: No Addressed Significant Non-Complier Universe: No Significant Non-Complier With a Compliance Schedule Universe: No

Financial Assurance Required: Not reported

Handler Date of Last Change: 2014-04-21 00:00:00.0

Recognized Trader-Importer: No Recognized Trader-Exporter: No Importer of Spent Lead Acid Batteries: No Exporter of Spent Lead Acid Batteries: No

Recycler Activity Without Storage: Not reported Manifest Broker: Not reported

Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: NONE Waste Description: NONE

Handler - Owner Operator:

Owner/Operator Indicator: Operator **OPERNAME** Owner/Operator Name: Legal Status: Private Date Became Current: Not reported Date Ended Current: Not reported Owner/Operator Address: **OPERSTREET** Owner/Operator City, State, Zip: OPERCITY, AK 99999 Owner/Operator Telephone: 215-555-1212

Owner/Operator Telephone Ext: Not reported Owner/Operator Fax: Not reported Not reported Owner/Operator Email:

Owner/Operator Indicator: Owner

GWYNNS FALLS S C INC Owner/Operator Name:

Legal Status: Private Date Became Current: Not reported Date Ended Current: Not reported Owner/Operator Address: **OWNERSTREET**

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

MONDAWMIN MALL (Continued)

1000184971

Owner/Operator City, State, Zip: OWNERCITY, AK 99999

Owner/Operator Telephone: 215-555-1212
Owner/Operator Telephone Ext: Not reported

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1996-02-02 00:00:00.0

Handler Name: MONDAWMIN MALL

Federal Waste Generator Description: Not a generator, verified

State District Owner: Not reported

Large Quantity Handler of Universal Waste:

Recognized Trader Importer:

No
Recognized Trader Exporter:

No
Spent Lead Acid Battery Importer:

No
Spent Lead Acid Battery Exporter:

No
Current Record:

No

Non Storage Recycler Activity: Not reported Electronic Manifest Broker: Not reported

Receive Date: 1987-11-05 00:00:00.0

Handler Name: MONDAWMIN MALL

Federal Waste Generator Description: Not a generator, verified

State District Owner: Not reported

Large Quantity Handler of Universal Waste: No Recognized Trader Importer: No Recognized Trader Exporter: No Spent Lead Acid Battery Importer: No Spent Lead Acid Battery Exporter: No Current Record: No

Non Storage Recycler Activity: Not reported Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 45211

NAICS Description: DEPARTMENT STORES

Facility Has Received Notices of Violation:

Found Violation: No

Agency Which Determined Violation: Not reported Violation Short Description: Not reported Date Violation was Determined: Not reported Actual Return to Compliance Date: Not reported Return to Compliance Qualifier: Not reported Violation Responsible Agency: Not reported Scheduled Compliance Date: Not reported Not reported Enforcement Identifier: Date of Enforcement Action: Not reported Enforcement Responsible Agency: Not reported **Enforcement Docket Number:** Not reported **Enforcement Attorney:** Not reported Not reported Corrective Action Component: Appeal Initiated Date: Not reported Appeal Resolution Date: Not reported Disposition Status Date: Not reported Disposition Status: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MONDAWMIN MALL (Continued)

Not reported

1000184971

Disposition Status Description: Consent/Final Order Sequence Number:Not reported

Consent/Final Order Respondent Name: Not reported Consent/Final Order Lead Agency: Not reported

Enforcement Type: Not reported

Enforcement Responsible Person: Not reported Enforcement Responsible Sub-Organization: Not reported

SEP Sequence Number: Not reported

SEP Expenditure Amount: Not reported SEP Scheduled Completion Date: Not reported SEP Actual Date: Not reported SEP Defaulted Date: Not reported SEP Type: Not reported SEP Type Description: Not reported Proposed Amount: Not reported Final Monetary Amount: Not reported Paid Amount: Not reported Final Count: Not reported Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 1996-02-02 00:00:00.0

Evaluation Responsible Agency: State Found Violation: No

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation Responsible Person Identifier: **MDDEF** Evaluation Responsible Sub-Organization: Not reported Actual Return to Compliance Date: Not reported Scheduled Compliance Date: Not reported Date of Request: Not reported Date Response Received: Not reported Request Agency: Not reported Former Citation: Not reported

US AIRS MINOR:

Envid: 1000184971

Region Code: 03

AIR MD0000002451000453 Programmatic ID:

Facility Registry ID: 110001794915 D and B Number: Not reported Primary SIC Code: 6512 NAICS Code: 531120 Default Air Classification Code: MIN Facility Type of Ownership Code: POF

Air CMS Category Code: Not reported HPV Status: Not reported

1000184971 Envid:

Region Code:

Programmatic ID: AIR MD0000002451001958

Facility Registry ID: 110001794915 D and B Number: Not reported Primary SIC Code: 9651 NAICS Code: 926150 Default Air Classification Code: MIN

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MONDAWMIN MALL (Continued)

1000184971

Facility Type of Ownership Code: POF Air CMS Category Code: Not reported HPV Status: Not reported

MD Financial Assurance 2:

MONDAWMIN METRO BUILDING Name: 1200 MONDAWMIN CONCOURSE Address:

BALTIMORE, MD 21215 City,State,Zip:

Region: Facility ID: 3331 Self Insured: False Insurance: False Risk Retention Group: False Guarantee: False Surety Bonds: False Letter of Credit: False State Fund: False Other Finance: False Finacnce Comments: Not reported

FR Not Listed: False

Name: MONDAWMIN MALL

1200 MONDAWMIN CONCOURSE Address:

BALTIMORE, MD 21215 City, State, Zip:

Region: 7408 Facility ID: Self Insured: False Insurance: False Risk Retention Group: False False Guarantee: Surety Bonds: False Letter of Credit: False State Fund: False Other Finance: False Finacnce Comments: Not reported FR Not Listed: False

K57 **MONDAWMIN MALL** MD OCPCASES S113767873 N/A

ESE 1200 MONDAWMIN CONCOURSE 1/4-1/2 **BALTIMORE, MD 21215**

0.442 mi.

2336 ft. Site 2 of 2 in cluster K

Relative: OCPCASES:

Lower Name: MONDAWMIN MALL

1200 MONDAWMIN CONCOURSE Address: Actual:

300 ft. City,State,Zip: BALTIMORE, MD 21215

Facility ID: 04-1501BC1

Facility Status/Code: CLOSED/Surface Spill from UST - Commercial Heating Oil

Date Open: 03/09/2004 09/14/2004 Date Closed: Release: YES Cleanup: YES Registration Number: 7408

Name: MONDAWMIN MALL

Address: 1200 MONDAWMIN CONCOURSE

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MONDAWMIN MALL (Continued)

S113767873

S110583856

N/A

MD LEAD

City, State, Zip: BALTIMORE, MD 21215

16-0166BC Facility ID:

Facility Status/Code: CLOSED/Tank Closure - Commercial Heating Oil

Date Open: 09/17/2015 Date Closed: 03/02/2018 Release: YES NO Cleanup: Registration Number: 7408

MD OCPCASES

58 **TIOGA APTS**

East 2800 REISTERSTOWN RD 1/4-1/2 BALTIMORE, MD 21215

0.444 mi. 2346 ft.

OCPCASES: Relative:

Lower Name: **TIOGA APTS**

Address: 2800 REISTERSTOWN RD Actual: BALTIMORE, MD 21215 313 ft. City,State,Zip:

Facility ID: 13-0575BC

Facility Status/Code: CLOSED/Soil Contamination - Commercial Heating Oil

Date Open: 04/04/2013 Date Closed: 10/08/2013 Release: YES Cleanup: YES Registration Number: 6989

MD LEAD:

Not reported Name:

Address: 2800 REISTERSTOWN ROAD City, State, Zip: BALTIMORE, MD 21215

Facility ID: 15303251001 410099 Cert Number: Unit ID: Inspection Date: 08/10/2010

Limit Date: Not reported Invalid: Τ Company No: 10197 Company Name: Kevin E. Jones

ReInspection Date:

Option: BALTIMORE, MD 21215

Inspection Category: Full Risk Reduction Standard Dust Inspection

Pass/Fail: Р

10196 Inspector Number:

Inspector Name: Jones Kevin E. E Property Number: 15303251001

Name: Not reported

2800 REISTERSTOWN ROAD Address: City, State, Zip: BALTIMORE, MD 21215

15303251001 Facility ID: Cert Number: 410100 Unit ID:

Inspection Date: 08/10/2010 Limit Date: Not reported

Invalid: Company No: 10197

Direction Distance

Elevation Site Database(s) EPA ID Number

TIOGA APTS (Continued) S110583856

Company Name: Kevin E. Jones

ReInspection Date: / /

Option: BALTIMORE, MD 21215

Inspection Category: Full Risk Reduction Standard Dust Inspection

Pass/Fail: P Inspector Number: 10196

Inspector Name: Jones Kevin E. E Property Number: 15303251001

Name: Not reported

Address: 2800 REISTERSTOWN RD City, State, Zip: BALTIMORE, MD 21215

 Facility ID:
 15303251001

 Cert Number:
 487472

 Unit ID:
 D

 Inspection Date:
 08/10/2010

Limit Date: Not reported Invalid: T
Company No: 10197

Company Name: Kevin E. Jones

ReInspection Date: / /

Option: BALTIMORE, MD 21215

Inspection Category: Full Risk Reduction Standard Dust Inspection

Pass/Fail:

Inspector Number: 10196

Inspector Name: Jones Kevin E. E Property Number: 15303251001

Name: Not reported

Address: 2800 REISTERSTOWN ROAD City, State, Zip: BALTIMORE, MD 21215

 Facility ID:
 0315303251001

 Cert Number:
 368952

 Unit ID:
 APT G

 Inspection Date:
 06/01/2007

 Limit Date:
 Not reported

Invalid: F Company No: 6703

Company Name: AAA Home Inspection Co.

ReInspection Date: //

Option: BALTIMORE, MD 21215

Inspection Category: Full Risk Reduction Standard Visual Inspection

Pass/Fail: P Inspector Number: 6698

Inspector Name: Romalis Markus Property Number: 0315303251001

Name: Not reported

Address: 2800 REISTERSTOWN ROAD City, State, Zip: BALTIMORE, MD 21215

Facility ID: 0315303251001 Cert Number: 292766

Unit ID: APT 4
Inspection Date: 01/14/2006
Limit Date: Not reported

Invalid: F
Company No: 6703

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

TIOGA APTS (Continued) S110583856

Company Name: AAA Home Inspection Co.

ReInspection Date: /

Option: BALTIMORE, MD 21215

Inspection Category: Full Risk Reduction Standard Visual Inspection

Pass/Fail: P Inspector Number: 6698

Inspector Name: Romalis Markus
Property Number: 0315303251001

Name: Not reported

Address: 2800 REISTERSTOWN ROAD City, State, Zip: BALTIMORE, MD 21215

Facility ID: 0315303251001

Cert Number: 292768
Unit ID: APT J
Inspection Date: 01/14/2006
Limit Date: Not reported

Invalid: F Company No: 6703

Company Name: AAA Home Inspection Co.

ReInspection Date: / /

Option: BALTIMORE, MD 21215

Inspection Category: Full Risk Reduction Standard Visual Inspection

Pass/Fail:

Inspector Number: 6698

Inspector Name: Romalis Markus Property Number: 0315303251001

Name: Not reported

Address: 2800 REISTERSTOWN ROAD City,State,Zip: BALTIMORE, MD 21215

 Facility ID:
 0315303251001

 Cert Number:
 292769

 Unit ID:
 APT E

 Inspection Date:
 01/14/2006

 Limit Date:
 Not reported

Invalid: F Company No: 6703

Company Name: AAA Home Inspection Co.

ReInspection Date: //

Option: BALTIMORE, MD 21215

Inspection Category: Full Risk Reduction Standard Visual Inspection

Pass/Fail: P Inspector Number: 6698

Inspector Name: Romalis Markus Property Number: 0315303251001

Name: Not reported

Address: 2800 REISTERSTOWN ROAD City, State, Zip: BALTIMORE, MD 21215

Facility ID: 0315303251001

 Cert Number:
 292771

 Unit ID:
 APT A

 Inspection Date:
 01/14/2006

 Limit Date:
 Not reported

Invalid: F
Company No: 6703

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

TIOGA APTS (Continued) S110583856

Company Name: AAA Home Inspection Co.

ReInspection Date: /

Option: BALTIMORE, MD 21215

Inspection Category: Full Risk Reduction Standard Visual Inspection

Pass/Fail: P Inspector Number: 6698

Inspector Name: Romalis Markus Property Number: 0315303251001

Name: Not reported

Address: 2800 REISTERSTOWN RD City, State, Zip: BALTIMORE, MD 21215

Facility ID: 15303251001
Cert Number: 487452
Unit ID: 7

Inspection Date: 08/10/2010
Limit Date: Not reported

Invalid: T
Company No: 10197

Company Name: Kevin E. Jones

ReInspection Date: / /

Option: BALTIMORE, MD 21215

Inspection Category: Full Risk Reduction Standard Dust Inspection

Pass/Fail:

BALTIMORE, MD 21215

Inspector Number: 10196

Inspector Name: Jones Kevin E. E Property Number: 15303251001

59 SMITH PROPERTY MD OCPCASES S121712800
North 2912 NORFOLK AVE N/A

1/4-1/2 0.450 mi. 2378 ft.

Relative: OCPCASES:

HigherName:SMITH PROPERTYActual:Address:2912 NORFOLK AVE374 ft.City,State,Zip:BALTIMORE, MD 21215

Facility ID: 94-1697BC4
Facility Status/Code: CLOSED/
Date Open: 12/09/1993
Date Closed: 01/17/1994
Release: Not reported
Cleanup: Not reported
Registration Number: Not reported

Name: SMITH PROPERTY
Address: 2912 NORFOLK AVE
City, State, Zip: BALTIMORE, MD 21215

Facility ID: 94-1697BC4
Facility Status/Code: CLOSED/
Date Open: 12/09/1993
Date Closed: 01/17/1994
Release: Not reported
Cleanup: Not reported
Registration Number: Not reported

EDR ID Number

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

L60 THE H.C MCCOMAS FUEL COMPANY MD ENG CONTROLS S109325920 SSE

2301 EVERGREEN STREET N/A

1/4-1/2 **BALTIMORE CITY, MD 21216**

0.477 mi.

2520 ft. Site 1 of 2 in cluster L Relative: **ENG CONTROLS:**

Lower Material: **Double Walled**

Actual:

254 ft.

L61 **MCCOMAS FUEL CO** MD OCPCASES S104614513 SSE 2301 EVERGREEN ST N/A

1/4-1/2 BALTIMORE, MD 21216

0.477 mi.

2520 ft. Site 2 of 2 in cluster L

OCPCASES: Relative: Lower

MCCOMAS FUEL CO Name: Address: 2301 EVERGREEN ST Actual: City,State,Zip: BALTIMORE, MD 21216 254 ft.

Facility ID: 90-2548BC2 Facility Status/Code: CLOSED/ Date Open: 06/04/1990 Date Closed: 09/26/1994 Release: Not reported Cleanup: Not reported Registration Number: 6357

MCCOMAS FUEL Name: Address: 2301 EVERGREEN ST City, State, Zip: BALTIMORE, MD 21216

95-1072BC3 Facility ID:

Facility Status/Code: CLOSED/Tank Closure - Motor/Lube Oil

Date Open: 10/23/1994 Date Closed: 12/29/1994 Not reported Release: Cleanup: Not reported

Registration Number: 6357

FIRESTONE TIRE CO MD OCPCASES S104602952 62 **ESE** 2401 LIBERTY HEIGHTS AVE **MD ASBESTOS** N/A

1/4-1/2 **BALTIMORE, MD 21215**

0.478 mi. 2523 ft.

Relative: OCPCASES:

Lower Name: FIRESTONE TIRE CO Address: 2401 LIBERTY HEIGHTS AVE Actual: 299 ft. City,State,Zip: BALTIMORE, MD 21215

Facility ID: 94-1124BC2 Facility Status/Code: CLOSED/ Date Open: 10/06/1993 10/21/1993 Date Closed: Release: Not reported Not reported Cleanup: Registration Number: Not reported

Name: FIRESTONE TIRE CO Address: 2401 LIBERTY HEIGHTS AVE

Distance Elevation

ion Site Database(s) EPA ID Number

FIRESTONE TIRE CO (Continued)

S104602952

EDR ID Number

City, State, Zip: BALTIMORE, MD 21215

Facility ID: 94-1124BC2
Facility Status/Code: CLOSED/
Date Open: 10/06/1993
Date Closed: 10/21/1993
Release: Not reported
Cleanup: Not reported
Registration Number: Not reported

ASBESTOS:

Name: MONDAWMIN MALL

Address: 2401 LIBERTY HEIGHTS AVE City, State, Zip: BALTIMORE, MD 21215-

2019

True

Removal/Encapsulation/Demolition Start Date: 07/08/2019 Removal/Encapsulation/Demolition End Date: 07/19/2019 Days of the week worked: MON-FRI Volume off facility Component (Cat I) not removed: 0 Cubic Yards Volume off facility Component (Cat I) not removed: 0 Cubic Yards Volume off facility Component (Cat II) not removed: 0 Cubic Yards Hours worked in a day: 2100-060 Original or resubmit: O Origina Number of floors in building:

Pipe Cat I not removed: 0 Linear Feet
Pipe Cat II not removed: 0 Linear Feet
Type of Building: Public Building

Contractor name: Northstar Contracting Group

Length of project: Not reported

Type of project from notification form: R-N Renovation (NESHAP)

Volume off facility component Cat I non friable removed:

Pipes Cat I non friable removed:

Surface area Cat I non friable removed:

Volume off facility component, Cat II non friable removed:

Pipe Cat II non friable removed:

Surface area Cat II non friable removed:

O Cubic Yards

O Linear Feet

O Linear Feet

O Square Feet

Surface area Cat II non friable removed:

Volume of facility component RACM removed:

Pipes RACM removed:

Surface area RACM removed:

Surface area RACM removed:

Surface area Cat I not removed:

Surface area Cat II not removed:

Square Feet

Site description (found in Section II of the notification): Space 2065 Former Rite Aid

Owner of the site:

Landfill asbestos will be sent to:

True

Transporter of the waste:

Facility off components units:

Pipes unit of measure:

Linear Feet

Surface area unit of measure: Square Feet Square Feet

Received Date: 06/26/2019

Owner name: Brookfield Properties

Owner contact: Ryals

Owner street address: 350 N Orleans Street Suite 300

Owner street address 2:

Owner city:

Chicago

Owner state:

IL

Owner zip code:

D number:

Not reported

Chicago

IL

60654191209

Direction Distance

Distance Elevation Site EDR ID Number Database(s) EPA ID Number

63 TERRY RESIDENCE MD OCPCASES \$104600722 SSW 2311 POPLAR GROVE ST N/A

SSW 2311 POPLAR GROVE S' 1/4-1/2 BALTIMORE, MD 21216 0.493 mi.

0.493 mi 2601 ft.

Relative: OCPCASES:

LowerName:TERRY RESIDENCEActual:Address:2311 POPLAR GROVE ST215 ft.City,State,Zip:BALTIMORE, MD 21216

Facility ID: 97-1009BC2

Facility Status/Code: CLOSED/Aboveground Tank Leak

Date Open: 11/21/1996
Date Closed: 11/21/1996
Release: YES
Cleanup: YES
Registration Number: Not reported

Count: 11 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BALTIMORE	S123539946	NORTH AVENUE GATEWAY II	3000 AND 3044 WEST NORTH AVENU	21216	MD INST CONTROL, MD VCP, MD LR
BALTIMORE	S104603022	MTA	BETWEEN MONDAWMIN & UPTON STAT	21217	MD OCPCASES
BALTIMORE	S108472896	UNKNOWN	2500 BLK PARK HEIGHTS TERRACE	21215	MD OCPCASES
BALTIMORE	S105898838	CFC TRUCK CO INC	REISTERSTOWN RD & OWINGS MILLS	21215	MD OCPCASES
BALTIMORE	S104605128	WABASH MANOR APTS	3916 SEQUOIA AVE	21215	MD OCPCASES
BALTIMORE	S104605127	WABASH MANOR APTS	3913 SEQUOIA AVE	21215	MD OCPCASES
BALTIMORE	S104605126	WABASH MANOR APTS	3901 SEQUOIA AVE	21215	MD OCPCASES
BALTIMORE	S104605129	WABASH MANOR APTS	3921 SEQUOIA AVE	21215	MD OCPCASES
BALTIMORE	S104605131	WABASH MANOR APTS.	4001 SEQUOIA AVE	21215	MD OCPCASES
BALTIMORE	S104605130	WABASH MANOR APTS	4000 SEQUOIA AVE	21215	MD OCPCASES
BALTIMORE	S108470965	MTA	5900 WABASH AVE & NORTHERN PKW	21215	MD OCPCASES

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/27/2021 Source: EPA
Date Data Arrived at EDR: 05/03/2021 Telephone: N/A

Number of Days to Update: 16 Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/27/2021 Source: EPA
Date Data Arrived at EDR: 05/03/2021 Telephone: N/A

Next Scheduled EDR Contact: 07/12/2021 Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 02/22/2021 Date Data Arrived at EDR: 03/30/2021 Date Made Active in Reports: 06/17/2021

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 03/30/2021

Next Scheduled EDR Contact: 07/12/2021 Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/27/2021 Date Data Arrived at EDR: 05/03/2021 Date Made Active in Reports: 05/19/2021

Number of Days to Update: 16

Source: EPA Telephone: 800-424-9346 Last EDR Contact: 06/04/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2021 Date Data Arrived at EDR: 05/03/2021 Date Made Active in Reports: 05/19/2021

Number of Days to Update: 16

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 06/04/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/22/2021 Date Data Arrived at EDR: 03/23/2021 Date Made Active in Reports: 05/19/2021

Number of Days to Update: 57

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 06/21/2021

Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/22/2021 Date Data Arrived at EDR: 03/23/2021 Date Made Active in Reports: 05/19/2021

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: 800-438-2474 Last EDR Contact: 06/21/2021

Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021 Date Data Arrived at EDR: 03/23/2021 Date Made Active in Reports: 05/19/2021

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: 800-438-2474 Last EDR Contact: 06/21/2021

Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/22/2021 Date Data Arrived at EDR: 03/23/2021 Date Made Active in Reports: 05/19/2021

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: 800-438-2474 Last EDR Contact: 06/21/2021

Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators) RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021 Date Data Arrived at EDR: 03/23/2021 Date Made Active in Reports: 05/19/2021

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: 800-438-2474 Last EDR Contact: 06/21/2021

Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/09/2021 Date Data Arrived at EDR: 02/11/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 39

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 05/05/2021

Next Scheduled EDR Contact: 08/23/2021 Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/22/2021 Date Data Arrived at EDR: 02/23/2021 Date Made Active in Reports: 05/19/2021

Number of Days to Update: 85

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 05/21/2021

Next Scheduled EDR Contact: 09/06/2021 Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/22/2021 Date Data Arrived at EDR: 02/23/2021 Date Made Active in Reports: 05/19/2021

Number of Days to Update: 85

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 05/21/2021

Next Scheduled EDR Contact: 09/06/2021 Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/22/2021 Date Data Arrived at EDR: 03/24/2021 Date Made Active in Reports: 06/17/2021

Number of Days to Update: 85

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 06/17/2021

Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: Notice of Potential Hazardous Waste Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 10/01/2009 Date Data Arrived at EDR: 12/11/2009 Date Made Active in Reports: 12/14/2009

Number of Days to Update: 3

Source: Department of the Environment

Telephone: 410-537-3000 Last EDR Contact: 04/28/2021

Next Scheduled EDR Contact: 08/16/2021 Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Permitted Solid Waste Disposal Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/22/2020 Date Data Arrived at EDR: 11/17/2020 Date Made Active in Reports: 02/03/2021

Number of Days to Update: 78

Source: Department of the Environment

Telephone: 410-537-3375 Last EDR Contact: 04/22/2021

Next Scheduled EDR Contact: 08/09/2021 Data Release Frequency: Annually

State and tribal leaking storage tank lists

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/12/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 06/11/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/09/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 06/11/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/30/2020 Date Data Arrived at EDR: 12/22/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 80

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 06/11/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/02/2020 Date Data Arrived at EDR: 12/18/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 84

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 06/17/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 06/11/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020

Number of Days to Update: 84

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 06/11/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/01/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 06/11/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/07/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 06/11/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

OCPCASES: Oil Control Program Cases

Cases monitored by the Oil Control Program, these cases can be leaking underground storage tanks and other belowground

releases, leaking aboveground storage tanks, spills and inspections.

Date of Government Version: 02/08/2021 Date Data Arrived at EDR: 02/10/2021 Date Made Active in Reports: 05/04/2021

Number of Days to Update: 83

Source: Department of Environment Telephone: 410-537-3433 Last EDR Contact: 03/08/2021

Next Scheduled EDR Contact: 08/23/2021 Data Release Frequency: Semi-Annually

HIST LUST: Recovery Sites

In 1999, the Department of the Environment stopped adding new sites to its Recovery Sites Database. Current leaking underground storage tank information maybe found in the OCPCASES database.

Date of Government Version: 03/01/1999 Date Data Arrived at EDR: 03/22/1999 Date Made Active in Reports: 04/16/1999

Number of Days to Update: 25

Source: Department of the Environment

Telephone: 410-537-3433 Last EDR Contact: 02/19/2001 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021 Date Data Arrived at EDR: 02/17/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 33

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 04/05/2021

Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Varies

UST: Registered Underground Storage Tank List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 02/02/2021 Date Data Arrived at EDR: 02/10/2021 Date Made Active in Reports: 05/04/2021

Number of Days to Update: 83

Source: Department of the Environment

Telephone: 410-537-3433 Last EDR Contact: 04/05/2021

Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/02/2020 Date Data Arrived at EDR: 12/18/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 84

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 06/17/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/12/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 06/11/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/01/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 06/11/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020

Number of Days to Update: 84

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 06/11/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/07/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 06/11/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/30/2020 Date Data Arrived at EDR: 12/22/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 80

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 06/11/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/09/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 06/11/2021

Next Scheduled EDR Contact: 08/02/2021

Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 06/11/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site listing

Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 11/10/2008 Date Data Arrived at EDR: 11/21/2008 Date Made Active in Reports: 12/17/2008

Number of Days to Update: 26

Source: Department of the Environment

Telephone: 410-537-3422 Last EDR Contact: 06/02/2021

Next Scheduled EDR Contact: 09/20/2021 Data Release Frequency: Varies

INST CONTROL: Voluntary Cleanup Program Applicants/Participants

Sites included in the Voluntary Cleanup Program Applicants/Participants listing that have Deed Restrictions.

Date of Government Version: 03/09/2021 Date Data Arrived at EDR: 03/11/2021 Date Made Active in Reports: 04/30/2021

Number of Days to Update: 50

Source: Department of the Environment

Telephone: 410-537-3493 Last EDR Contact: 06/02/2021

Next Scheduled EDR Contact: 09/20/2021 Data Release Frequency: Semi-Annually

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015 Date Data Arrived at EDR: 09/29/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 142

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 06/15/2021

Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Applicants/Participants

The Voluntary Cleanup Program, administrated by the Dept. of the Environment, streamlines the environmental cleanup process for sites, usually industrial or commercial properties, that are contaminated, or perceived to be contaminated, by hazardous substances. Developers and lenders are provided with certain limitations on liability and participants in the program are provided certainty in the process by knowing exactly what will be required.

Date of Government Version: 03/09/2021 Date Data Arrived at EDR: 03/11/2021 Date Made Active in Reports: 05/28/2021

Number of Days to Update: 78

Source: Dept. of the Environment Telephone: 410-537-3000 Last EDR Contact: 06/02/2021

Next Scheduled EDR Contact: 09/20/2021 Data Release Frequency: Semi-Annually

State and tribal Brownfields sites

BROWNFIELDS: Eligible Brownfields Properties

The Site Assessment Section of the State Superfund Division is responsible for conducting federally funded assessments of eligible brownfields properties. These assessments are undertaken to determine whether there are environmental cleanup requirements at these sites.

Date of Government Version: 02/18/2021 Date Data Arrived at EDR: 03/03/2021 Date Made Active in Reports: 05/20/2021

Number of Days to Update: 78

Source: Department of Environment Telephone: 410-537-3000 Last EDR Contact: 06/01/2021

Next Scheduled EDR Contact: 09/13/2021 Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/15/2021 Date Data Arrived at EDR: 03/16/2021 Date Made Active in Reports: 06/10/2021

Number of Days to Update: 86

Source: Environmental Protection Agency Telephone: 202-566-2777

Last EDR Contact: 06/10/2021

Next Scheduled EDR Contact: 09/27/2021 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Directory
A listing of recycling facilities.

Date of Government Version: 06/08/2021 Date Data Arrived at EDR: 06/08/2021 Date Made Active in Reports: 06/09/2021

Number of Days to Update: 1

Source: Department of the Environment Telephone: 410-631-3314

Last EDR Contact: 06/04/2021

Next Scheduled EDR Contact: 09/27/2021 Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 04/22/2021

Next Scheduled EDR Contact: 08/09/2021 Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 04/14/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258

Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014 Date Data Arrived at EDR: 08/06/2014 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service

Telephone: 301-443-1452 Last EDR Contact: 04/29/2021

Next Scheduled EDR Contact: 08/09/2021 Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/07/2020 Date Data Arrived at EDR: 12/09/2020 Date Made Active in Reports: 03/02/2021

Number of Days to Update: 83

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 05/22/2021

Next Scheduled EDR Contact: 09/06/2021 Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/07/2020 Date Data Arrived at EDR: 12/09/2020 Date Made Active in Reports: 03/02/2021

Number of Days to Update: 83

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 05/18/2021

Next Scheduled EDR Contact: 09/06/2021 Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

Historical UST: Historical UST Registered Database

In 1997 the Department of the Environment sent out registration forms to all the owner's listed in the UST database. Once they got the registration forms back they entered the information into a new UST database. we call this database UST. Because not all owners returned their forms, we kept the old UST database and labeled it HIST UST so that we would not be missing any past UST records. This listing is no longer updated or maintained by the agency. It is current through November 1996.

Date of Government Version: 11/21/1996 Date Data Arrived at EDR: 09/10/1997 Date Made Active in Reports: 10/22/1997

Number of Days to Update: 42

Source: Department of Environment Telephone: 410-537-3433

Last EDR Contact: 05/15/2000 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/27/2021 Date Data Arrived at EDR: 05/03/2021 Date Made Active in Reports: 05/19/2021

Number of Days to Update: 16

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 06/04/2021

Next Scheduled EDR Contact: 07/12/2021 Data Release Frequency: Semi-Annually

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/22/2021 Date Data Arrived at EDR: 03/23/2021 Date Made Active in Reports: 05/19/2021

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: 800-438-2474 Last EDR Contact: 06/21/2021

Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 02/11/2021 Date Data Arrived at EDR: 02/17/2021 Date Made Active in Reports: 04/05/2021

Number of Days to Update: 47

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 05/18/2021

Next Scheduled EDR Contact: 08/30/2021 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 04/16/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018 Date Data Arrived at EDR: 04/11/2018 Date Made Active in Reports: 11/06/2019

Number of Days to Update: 574

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 04/05/2021

Next Scheduled EDR Contact: 07/19/2021

Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017 Date Data Arrived at EDR: 02/03/2017 Date Made Active in Reports: 04/07/2017

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 05/18/2021

Next Scheduled EDR Contact: 08/23/2021 Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/22/2021 Date Data Arrived at EDR: 03/23/2021 Date Made Active in Reports: 06/17/2021

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 06/21/2021

Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 04/30/2021

Next Scheduled EDR Contact: 08/16/2021 Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 05/07/2021

Next Scheduled EDR Contact: 08/16/2021 Data Release Frequency: Varies

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/20/2021 Date Data Arrived at EDR: 01/21/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 60

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 04/20/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/22/2021 Date Data Arrived at EDR: 02/18/2021 Date Made Active in Reports: 05/11/2021

Number of Days to Update: 82

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 04/19/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 03/05/2021

Number of Days to Update: 50

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 06/04/2021

Next Scheduled EDR Contact: 08/16/2021 Data Release Frequency: Quarterly

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 03/31/2021

Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019 Date Data Arrived at EDR: 12/01/2020 Date Made Active in Reports: 02/09/2021

Number of Days to Update: 70

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 05/27/2021

Next Scheduled EDR Contact: 09/13/2021 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017 Date Data Arrived at EDR: 03/05/2019 Date Made Active in Reports: 11/11/2019

Number of Days to Update: 251

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 05/27/2021

Next Scheduled EDR Contact: 09/13/2021 Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020

Number of Days to Update: 96

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 05/07/2021

Next Scheduled EDR Contact: 08/16/2021 Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019 Date Data Arrived at EDR: 07/01/2019 Date Made Active in Reports: 09/23/2019

Number of Days to Update: 84

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 03/25/2021

Next Scheduled EDR Contact: 07/12/2021 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020 Date Data Arrived at EDR: 01/28/2020 Date Made Active in Reports: 04/17/2020

Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 04/27/2021

Next Scheduled EDR Contact: 08/09/2021 Data Release Frequency: Quarterly

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 06/22/2020 Date Made Active in Reports: 11/20/2020

Number of Days to Update: 151

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 06/21/2021

Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 07/14/2015 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 546

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 04/06/2021

Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017 Date Data Arrived at EDR: 09/11/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 3

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 04/28/2021

Next Scheduled EDR Contact: 08/16/2021 Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019 Date Data Arrived at EDR: 11/15/2019 Date Made Active in Reports: 01/28/2020

Number of Days to Update: 74

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 05/21/2021

Next Scheduled EDR Contact: 08/30/2021 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2021 Date Data Arrived at EDR: 05/03/2021 Date Made Active in Reports: 05/19/2021

Number of Days to Update: 16

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 06/04/2021

Next Scheduled EDR Contact: 07/12/2021 Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/23/2021 Date Data Arrived at EDR: 03/25/2021 Date Made Active in Reports: 06/17/2021

Number of Days to Update: 84

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 06/14/2021

Next Scheduled EDR Contact: 09/20/2021 Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 11/03/2020 Date Data Arrived at EDR: 11/17/2020 Date Made Active in Reports: 02/09/2021

Number of Days to Update: 84

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 05/21/2021

Next Scheduled EDR Contact: 09/06/2021 Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 07/02/2020 Date Made Active in Reports: 09/17/2020

Number of Days to Update: 77

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 04/13/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/02/2021 Date Data Arrived at EDR: 01/08/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 04/06/2021

Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/17/2021 Date Data Arrived at EDR: 02/17/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 33

Source: EPA Telephone: 800-385-6164

Last EDR Contact: 05/14/2021 Next Scheduled EDR Contact: 08/30/2021

Data Release Frequency: Quarterly

AIRS: Permit and Facility Information Listing

A listing of permitted facilities and emissions information.

Date of Government Version: 01/13/2021 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 04/07/2021

Number of Days to Update: 83

Source: Department of the Environment

Telephone: 410-537-3220 Last EDR Contact: 06/15/2021

Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 12/31/2020 Date Data Arrived at EDR: 01/22/2021 Date Made Active in Reports: 04/12/2021

Number of Days to Update: 80

Source: Department of the Environment

Telephone: 410-537-3809 Last EDR Contact: 06/08/2021

Next Scheduled EDR Contact: 09/27/2021 Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing
Coal combustion byproduct site locations.

Date of Government Version: 08/13/2010 Date Data Arrived at EDR: 01/05/2011 Date Made Active in Reports: 01/31/2011

Number of Days to Update: 26

Source: Department of the Environment

Telephone: 410-537-3507 Last EDR Contact: 06/14/2021

Next Scheduled EDR Contact: 09/27/2021 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information.

Date of Government Version: 02/15/2020 Date Data Arrived at EDR: 03/05/2020 Date Made Active in Reports: 05/11/2020

Number of Days to Update: 67

Source: Department of the Environment

Telephone: 410-537-3345 Last EDR Contact: 04/22/2021

Next Scheduled EDR Contact: 08/09/2021 Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing A listing of financial assurance information for storage tank sites.

Date of Government Version: 02/02/2021 Date Data Arrived at EDR: 02/10/2021 Date Made Active in Reports: 05/04/2021

Number of Days to Update: 83

Source: Department of the Environment Telephone: 410-537-3461

Last EDR Contact: 04/05/2021

Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Semi-Annually

LEAD: Lead Inspection Database

The Childhood Lead Poisoning Prevention Program data of lead inspection for the state.

Date of Government Version: 07/01/2020 Date Data Arrived at EDR: 07/08/2020 Date Made Active in Reports: 09/21/2020

Number of Days to Update: 75

Source: Department of Environment, Lead Poisoning Prevention Program

Telephone: 410-537-3000 Last EDR Contact: 06/15/2021

Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Annually

LRP: Land Restoration Program

A listing of Land Restoration Program sites. Site types included in the database are: Voluntary Cleanup Program, National Priority List, Brownfields, Site Assessment, Formerly Used Defense Site, State Master List, Non Master List, Groundwater Investigation and Federal Facility.

Date of Government Version: 02/18/2021 Date Data Arrived at EDR: 03/03/2021 Date Made Active in Reports: 05/20/2021

Number of Days to Update: 78

Source: Department of the Environment

Telephone: 410-537-3000 Last EDR Contact: 06/01/2021

Next Scheduled EDR Contact: 09/13/2021 Data Release Frequency: Quarterly

MANIFEST: Hazardous Waste Manifest Information Listing

Hazardous waste manifest information for the state of Maryland. Maryland regulations require the generator to submit a copy of the manifest to the Maryland Department of the Environment.

Date of Government Version: 06/30/2018 Date Data Arrived at EDR: 02/11/2020 Date Made Active in Reports: 04/21/2020

Number of Days to Update: 70

Source: Department of the Environment

Telephone: 410-537-3314 Last EDR Contact: 05/05/2021

Next Scheduled EDR Contact: 08/23/2021 Data Release Frequency: Annually

NPDES: Wastewater Permit Listing

A listing of wastewater permit locations.

Date of Government Version: 02/17/2021 Date Data Arrived at EDR: 02/17/2021 Date Made Active in Reports: 05/10/2021

Number of Days to Update: 82

Source: Department of the Environment

Telephone: 410-537-3507 Last EDR Contact: 05/15/2021

Next Scheduled EDR Contact: 08/30/2021 Data Release Frequency: Semi-Annually

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 01/11/2021 Date Data Arrived at EDR: 01/12/2021 Date Made Active in Reports: 03/25/2021

Number of Days to Update: 72

Source: Department of the Environment

Telephone: 410-537-3507 Last EDR Contact: 04/15/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018 Date Data Arrived at EDR: 10/21/2019 Date Made Active in Reports: 10/24/2019

Number of Days to Update: 3

Source: USGS

Telephone: 703-648-6533 Last EDR Contact: 05/27/2021

Next Scheduled EDR Contact: 09/06/2021 Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 02/05/2015 Date Made Active in Reports: 03/06/2015

Number of Days to Update: 29

Source: EPA

Telephone: 202-564-2497 Last EDR Contact: 03/31/2021

Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011 Date Data Arrived at EDR: 08/05/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 55

Source: EPA, Office of Water Telephone: 202-564-2496 Last EDR Contact: 03/31/2021

Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014 Date Data Arrived at EDR: 01/06/2015 Date Made Active in Reports: 05/06/2015

Number of Days to Update: 120

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 03/31/2021

Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of the Environment in Maryland.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/03/2014 Number of Days to Update: 186

Source: Department of the Environment

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of the Environment in Maryland.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/16/2014

Number of Days to Update: 199

Source: Department of the Environment

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of the Environment in Maryland from 1995-1999..

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of the Environment Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 10/05/2020 Date Data Arrived at EDR: 02/17/2021 Date Made Active in Reports: 05/10/2021

Number of Days to Update: 82

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 05/11/2021

Next Scheduled EDR Contact: 08/23/2021 Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information Hazardous waste manifest information.

> Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 04/10/2019 Date Made Active in Reports: 05/16/2019

Number of Days to Update: 36

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 04/09/2021

Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019 Date Data Arrived at EDR: 04/29/2020 Date Made Active in Reports: 07/10/2020

Number of Days to Update: 72

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 04/30/2021

Next Scheduled EDR Contact: 08/09/2021 Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018 Date Data Arrived at EDR: 07/19/2019 Date Made Active in Reports: 09/10/2019

Number of Days to Update: 53

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 04/09/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2019 Date Data Arrived at EDR: 02/11/2021 Date Made Active in Reports: 02/24/2021

Number of Days to Update: 13

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 05/13/2021

Next Scheduled EDR Contact: 08/30/2021 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 06/19/2019 Date Made Active in Reports: 09/03/2019

Number of Days to Update: 76

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 06/03/2021

Next Scheduled EDR Contact: 09/20/2021 Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Providers Source: Department of Human Resources

Telephone: 410-767-7805

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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